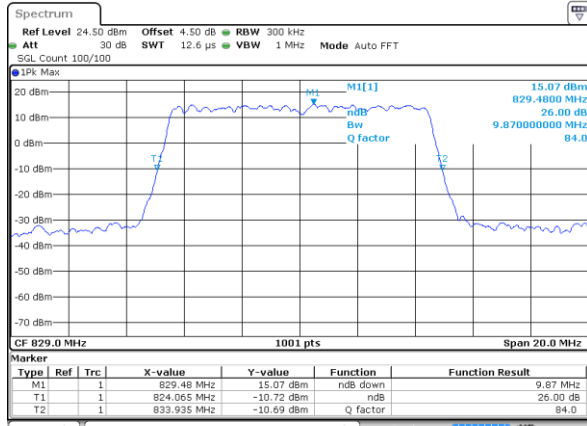


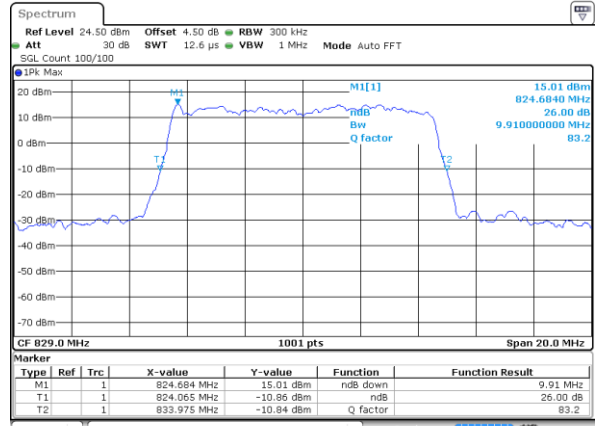


LTE Band 5

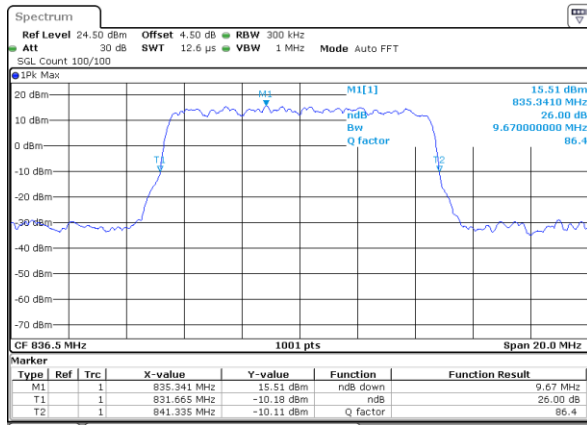
Lowest Channel / 10MHz / QPSK



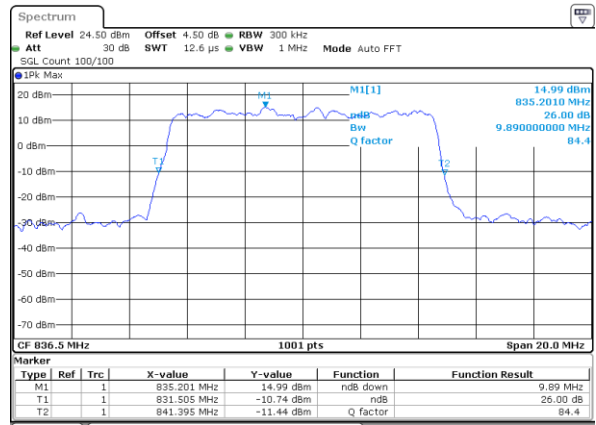
Lowest Channel / 10MHz / 16QAM



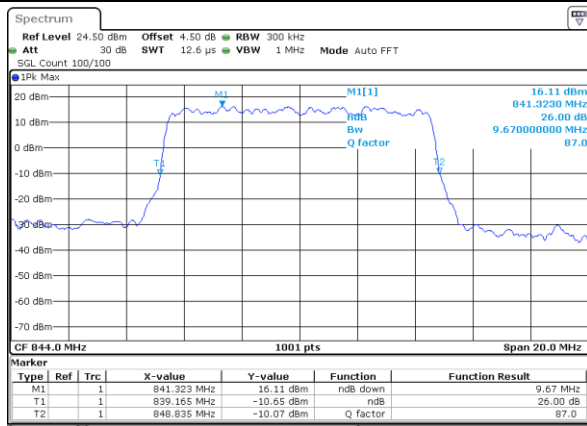
Middle Channel / 10MHz / QPSK



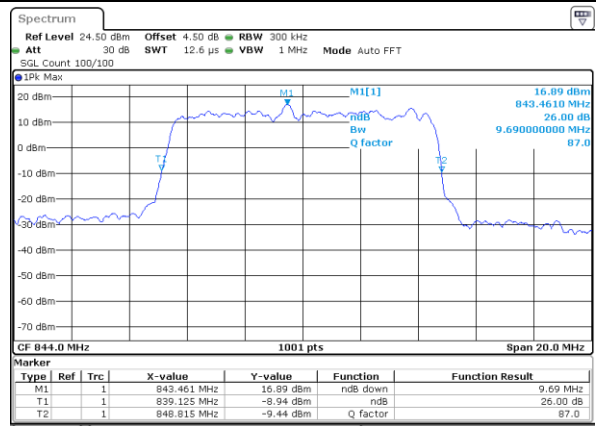
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



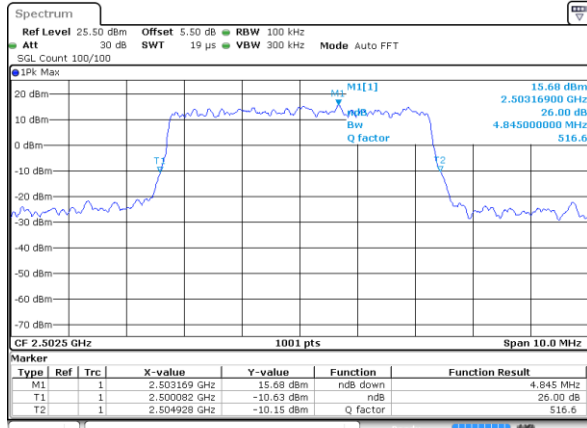
Highest Channel / 10MHz / 16QAM





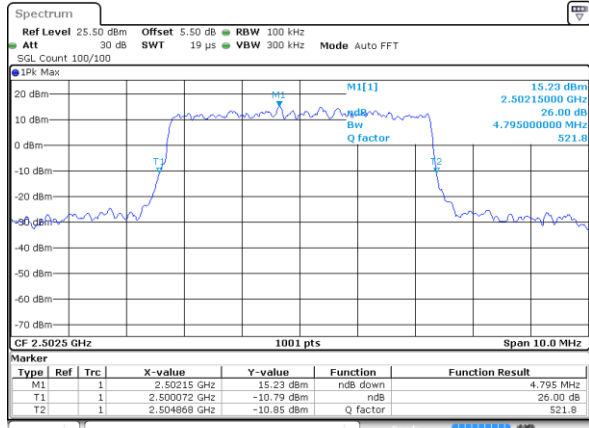
LTE Band 7

Lowest Channel / 5MHz / QPSK



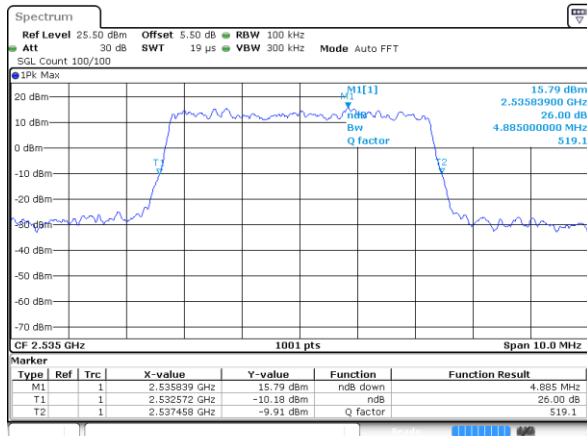
Date: 23 APR 2018 10:34:57

Lowest Channel / 5MHz / 16QAM



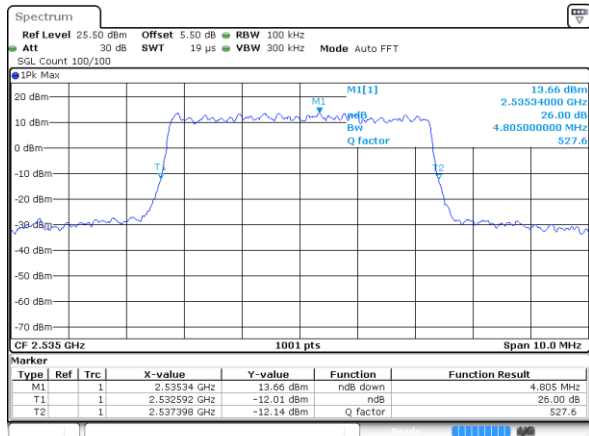
Date: 23 APR 2018 10:35:17

Middle Channel / 5MHz / QPSK



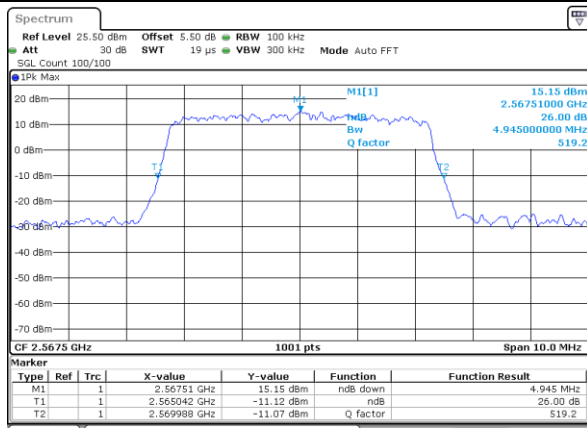
Date: 23 APR 2018 10:44:06

Middle Channel / 5MHz / 16QAM



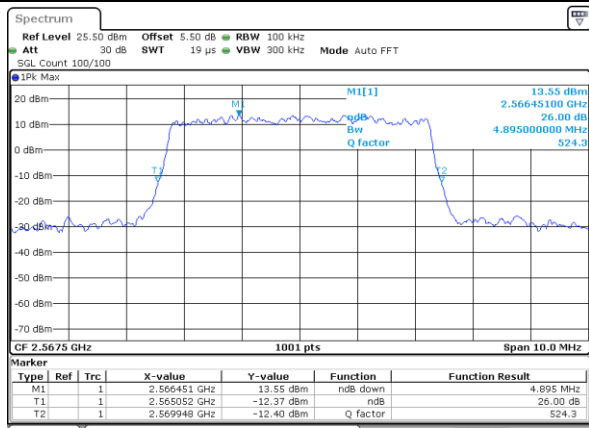
Date: 23 APR 2018 10:43:46

Highest Channel / 5MHz / QPSK



Date: 23 APR 2018 10:44:25

Highest Channel / 5MHz / 16QAM

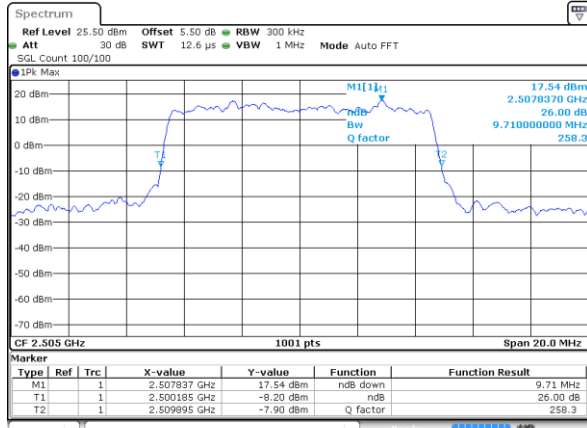


Date: 23 APR 2018 10:44:45



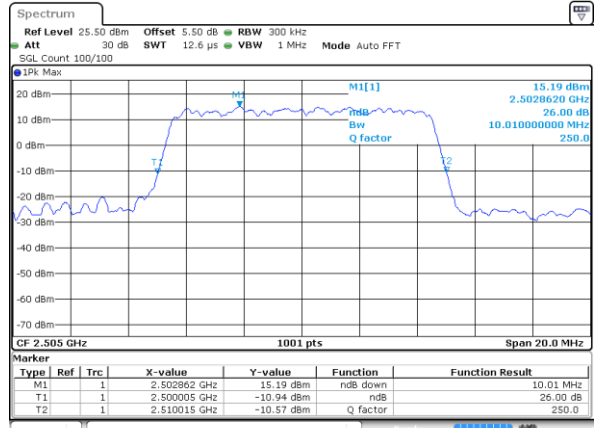
LTE Band 7

Lowest Channel / 10MHz / QPSK



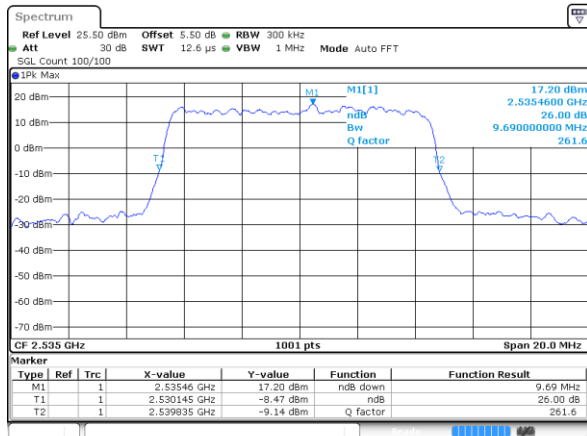
Date: 23 APR 2018 10:51:25

Lowest Channel / 10MHz / 16QAM



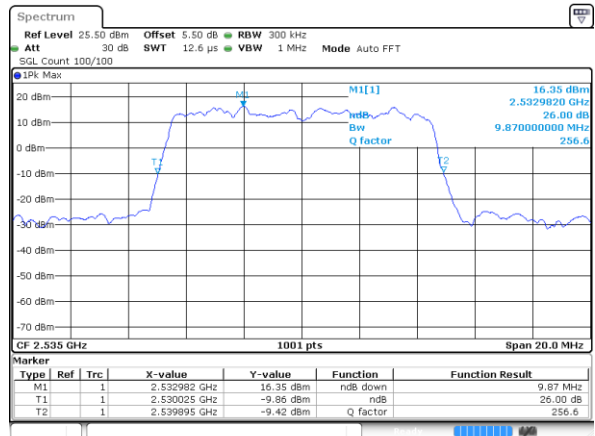
Date: 23 APR 2018 10:51:45

Middle Channel / 10MHz / QPSK



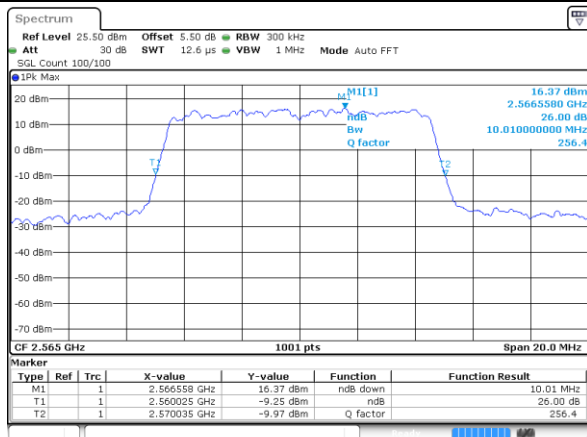
Date: 23 APR 2018 11:08:56

Middle Channel / 10MHz / 16QAM



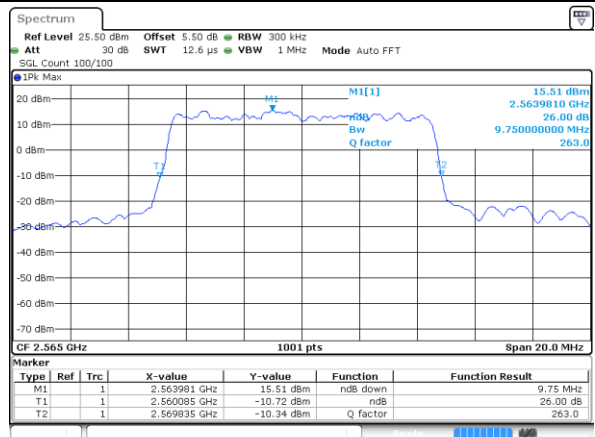
Date: 23 APR 2018 11:08:36

Highest Channel / 10MHz / QPSK



Date: 23 APR 2018 11:09:16

Highest Channel / 10MHz / 16QAM

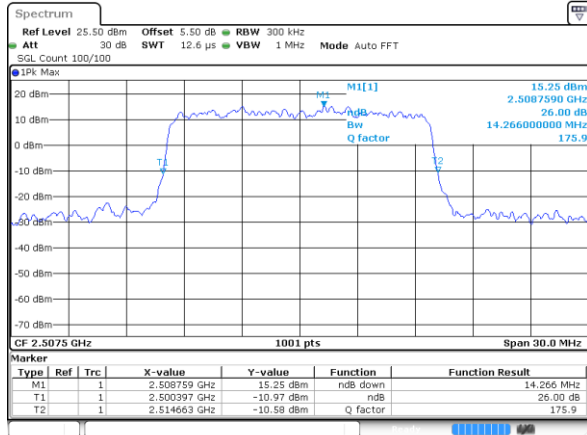


Date: 23 APR 2018 11:09:36



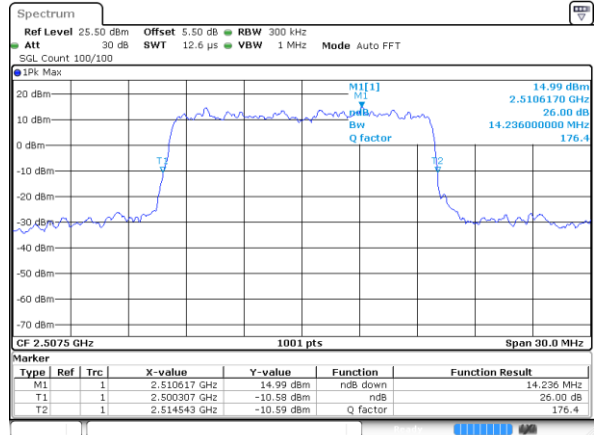
LTE Band 7

Lowest Channel / 15MHz / QPSK



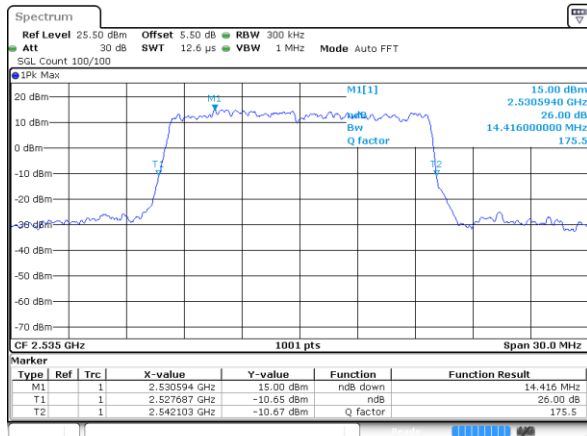
Date: 23 APR 2018 11:16:15

Lowest Channel / 15MHz / 16QAM



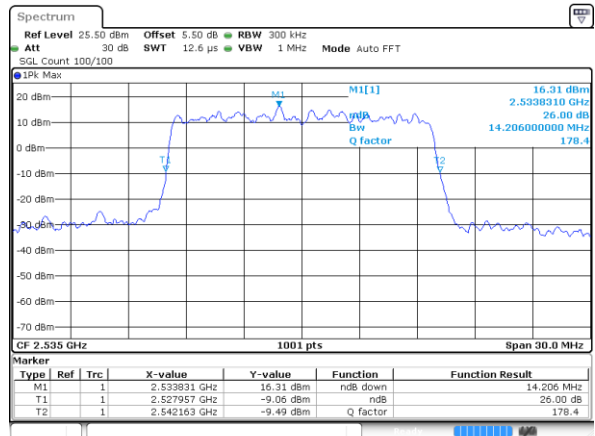
Date: 23 APR 2018 11:16:35

Middle Channel / 15MHz / QPSK



Date: 23 APR 2018 11:25:25

Middle Channel / 15MHz / 16QAM



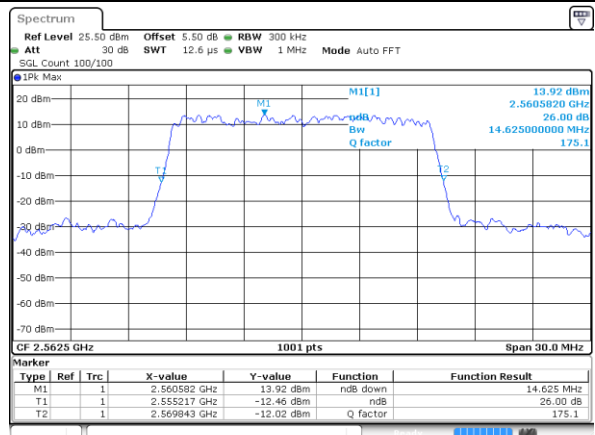
Date: 23 APR 2018 11:25:05

Highest Channel / 15MHz / QPSK



Date: 23 APR 2018 11:25:44

Highest Channel / 15MHz / 16QAM

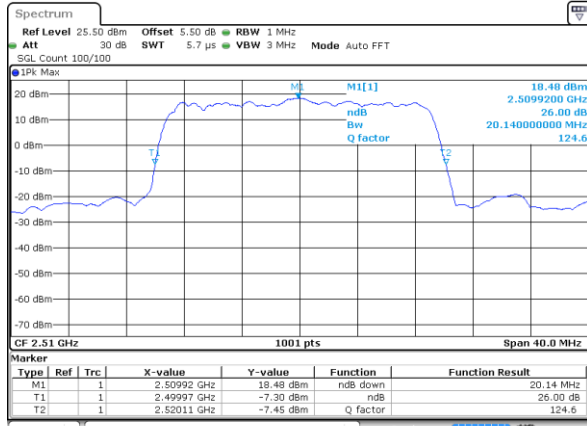


Date: 23 APR 2018 11:26:04



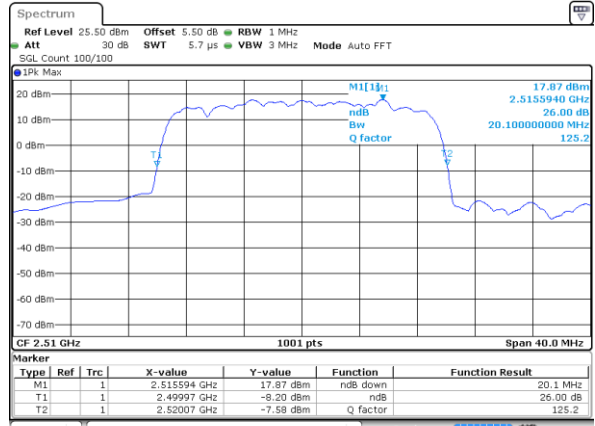
LTE Band 7

Lowest Channel / 20MHz / QPSK



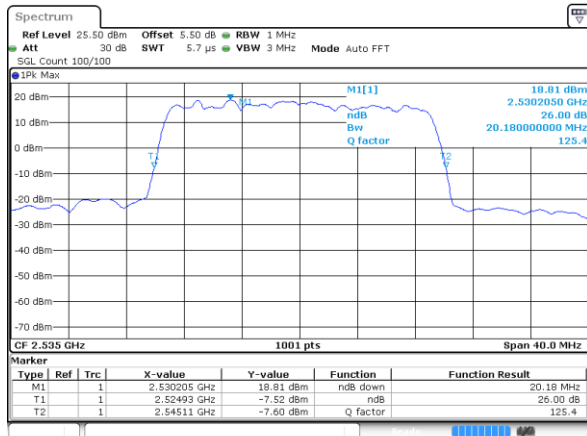
Date: 23 APR 2018 11:32:44

Lowest Channel / 20MHz / 16QAM



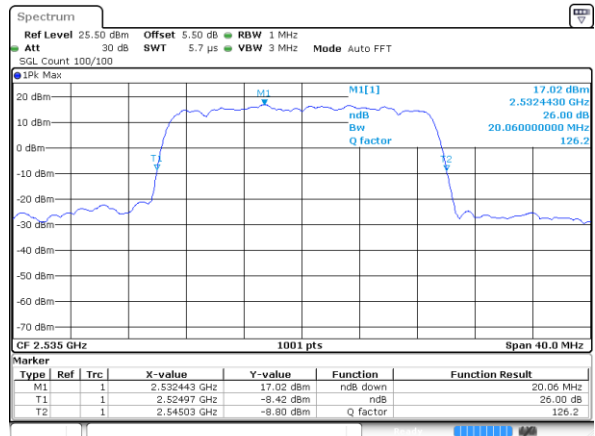
Date: 23 APR 2018 11:33:03

Middle Channel / 20MHz / QPSK



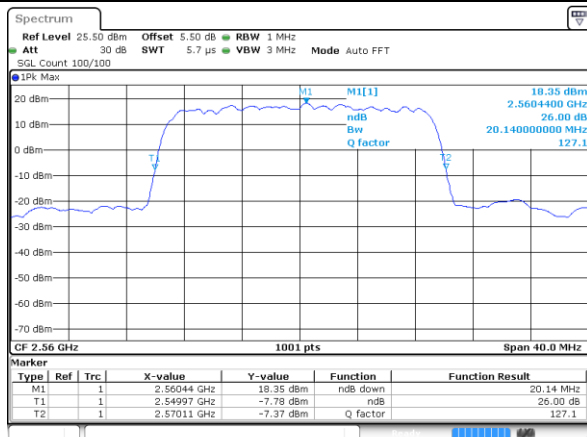
Date: 23 APR 2018 11:41:52

Middle Channel / 20MHz / 16QAM



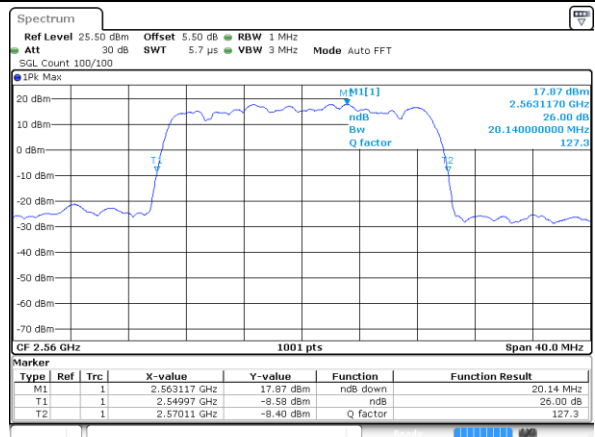
Date: 23 APR 2018 11:41:32

Highest Channel / 20MHz / QPSK



Date: 23 APR 2018 11:42:12

Highest Channel / 20MHz / 16QAM

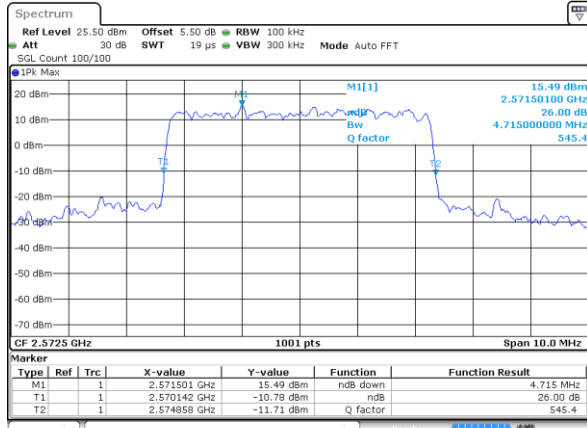


Date: 23 APR 2018 11:42:32



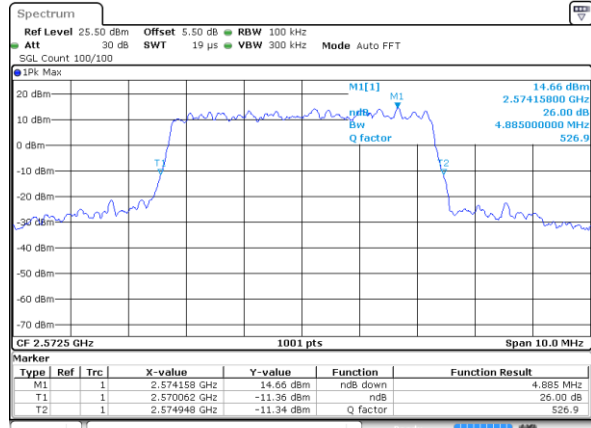
LTE Band 38

Lowest Channel / 5MHz / QPSK



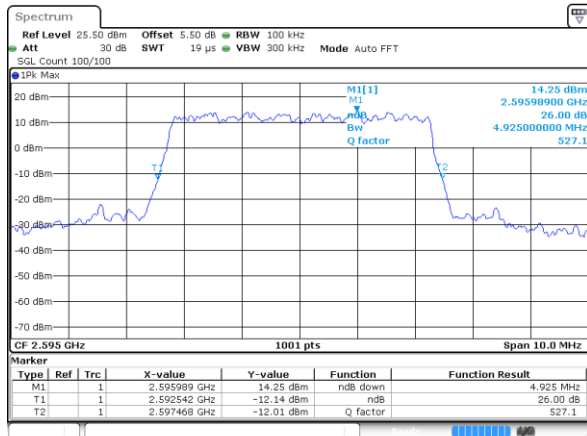
Date: 23 APR 2018 15:15:22

Lowest Channel / 5MHz / 16QAM



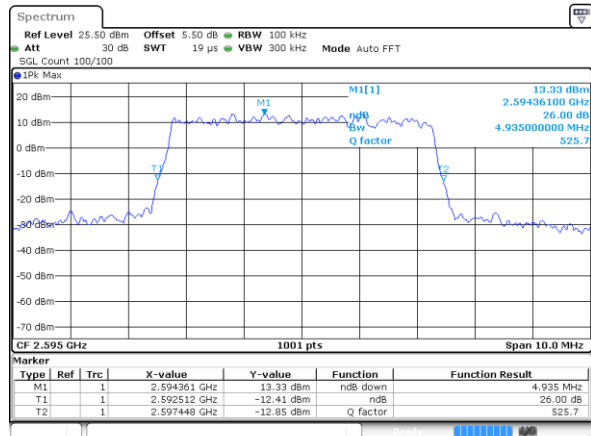
Date: 23 APR 2018 15:15:32

Middle Channel / 5MHz / QPSK



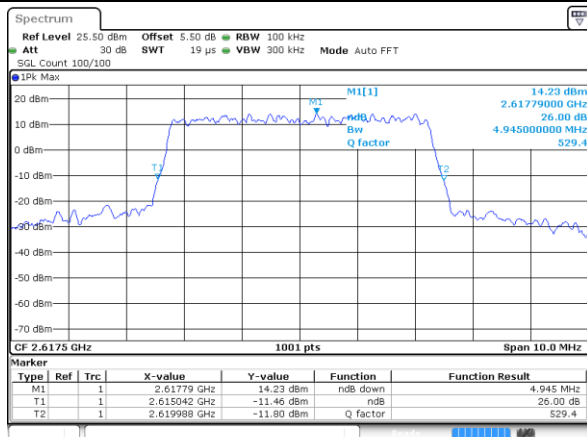
Date: 23 APR 2018 15:16:02

Middle Channel / 5MHz / 16QAM



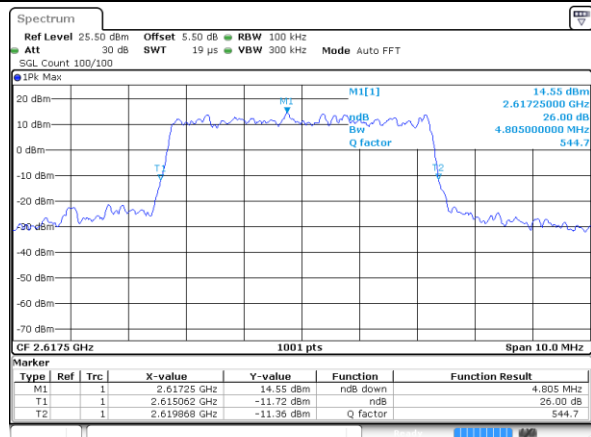
Date: 23 APR 2018 15:16:12

Highest Channel / 5MHz / QPSK



Date: 23 APR 2018 15:16:42

Highest Channel / 5MHz / 16QAM

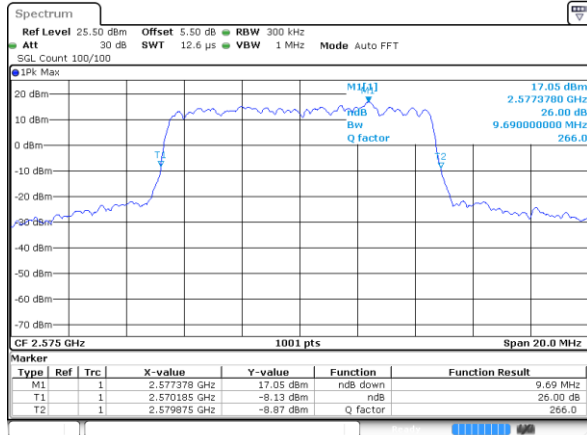


Date: 23 APR 2018 15:16:51

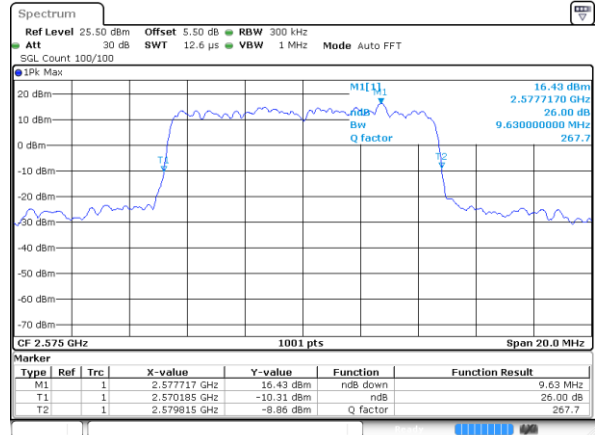


LTE Band 38

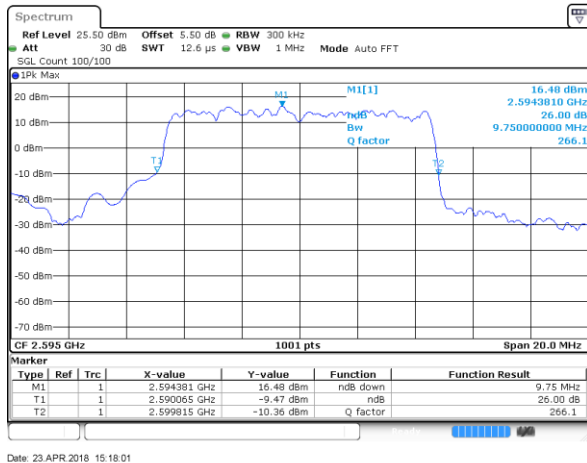
Lowest Channel / 10MHz / QPSK



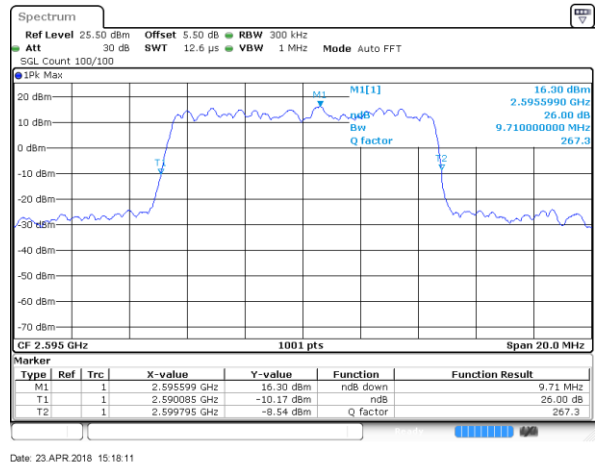
Lowest Channel / 10MHz / 16QAM



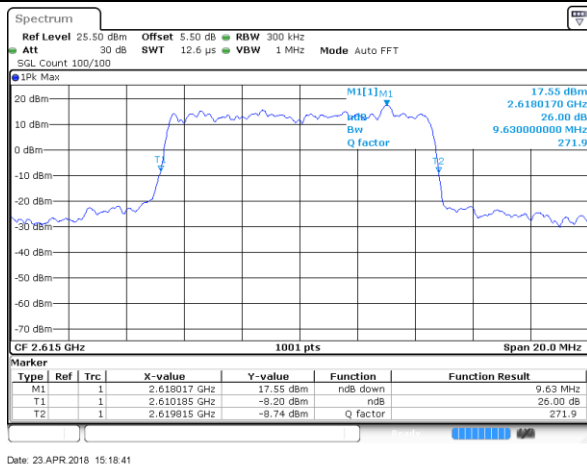
Middle Channel / 10MHz / QPSK



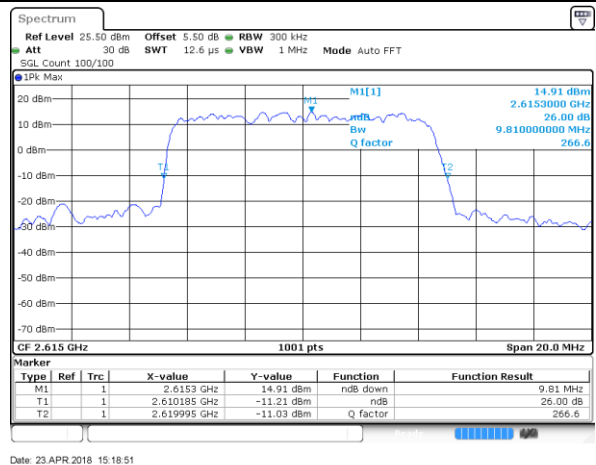
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



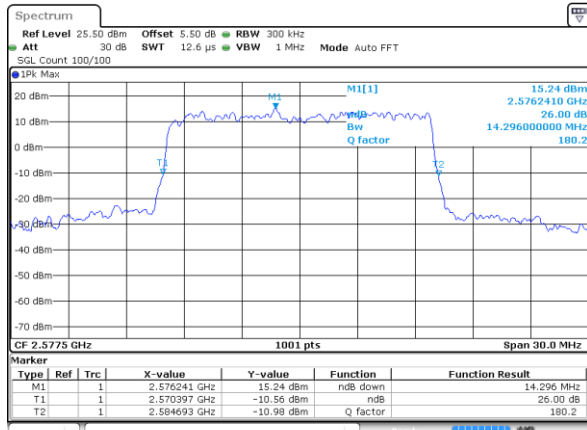
Highest Channel / 10MHz / 16QAM





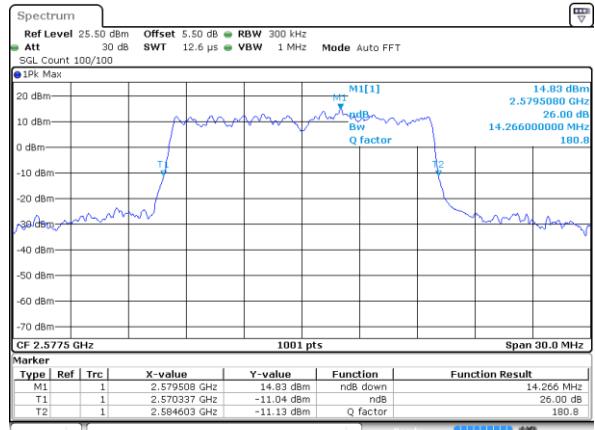
LTE Band 38

Lowest Channel / 15MHz / QPSK



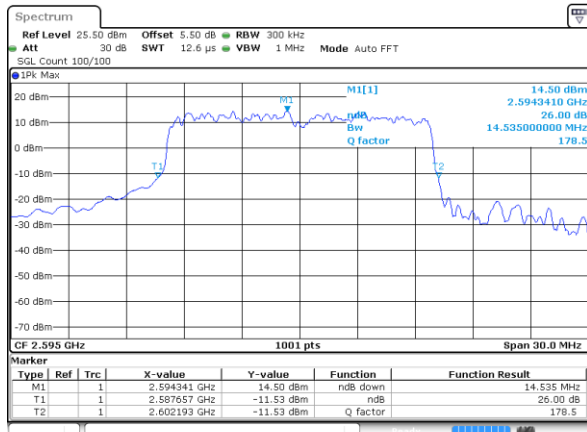
Date: 23 APR 2018 15:19:21

Lowest Channel / 15MHz / 16QAM



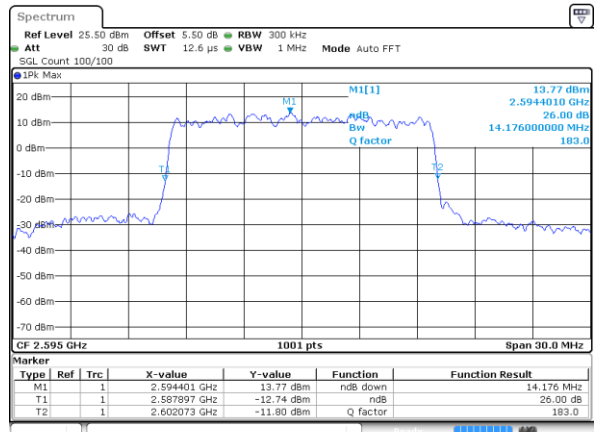
Date: 23 APR 2018 15:19:31

Middle Channel / 15MHz / QPSK



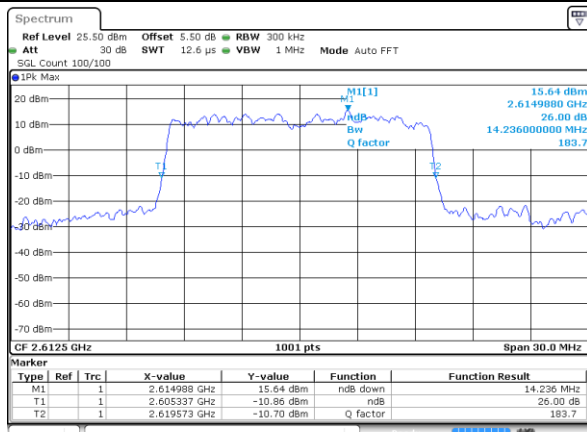
Date: 23 APR 2018 15:20:00

Middle Channel / 15MHz / 16QAM



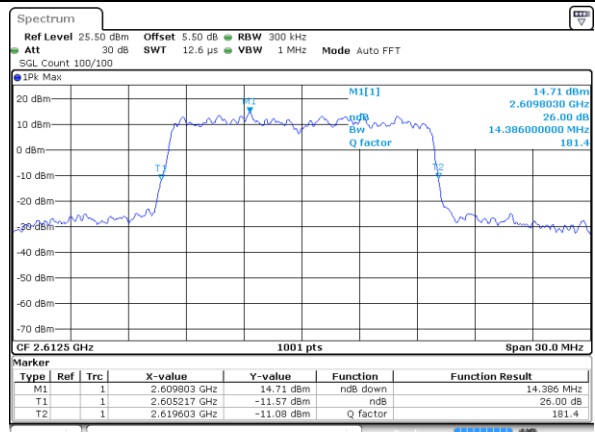
Date: 23 APR 2018 15:20:10

Highest Channel / 15MHz / QPSK



Date: 23 APR 2018 15:20:40

Highest Channel / 15MHz / 16QAM

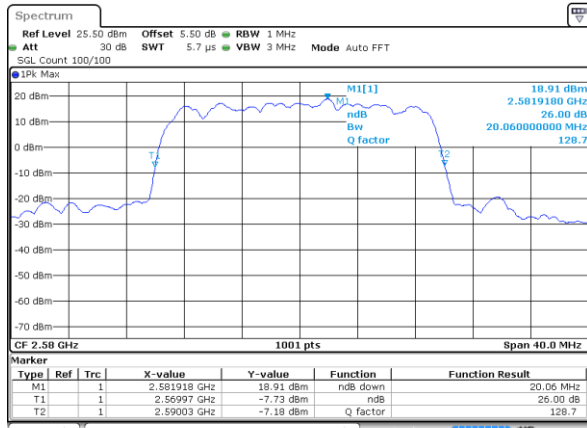


Date: 23 APR 2018 15:20:50

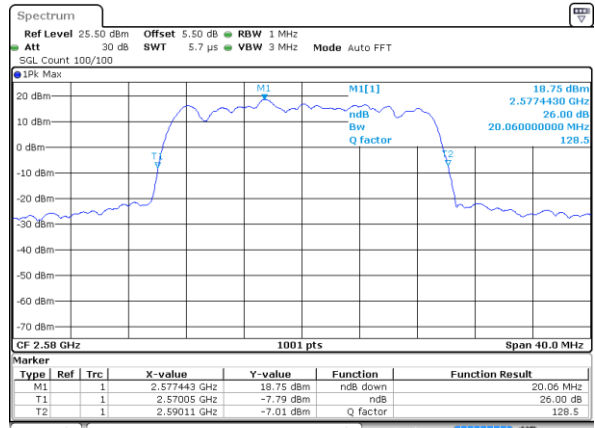


LTE Band 38

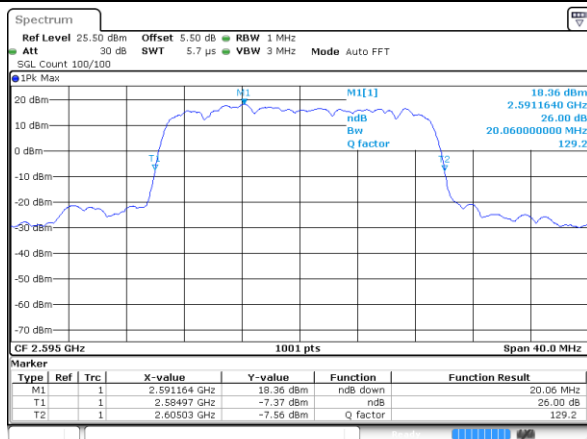
Lowest Channel / 20MHz / QPSK



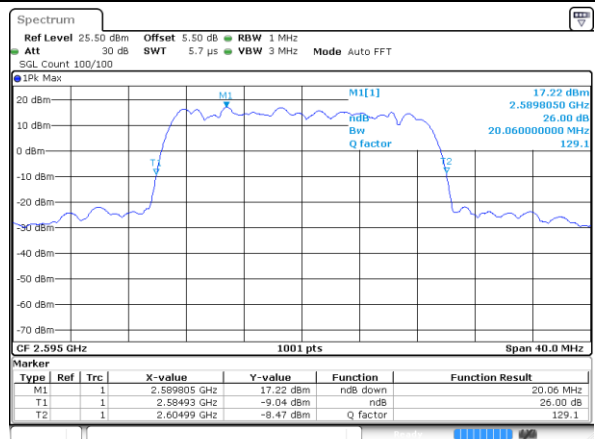
Lowest Channel / 20MHz / 16QAM



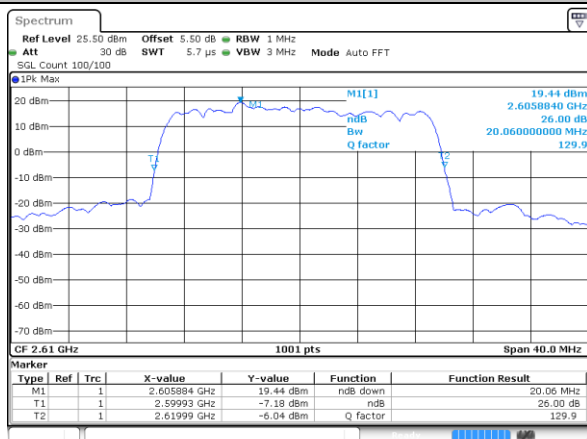
Middle Channel / 20MHz / QPSK



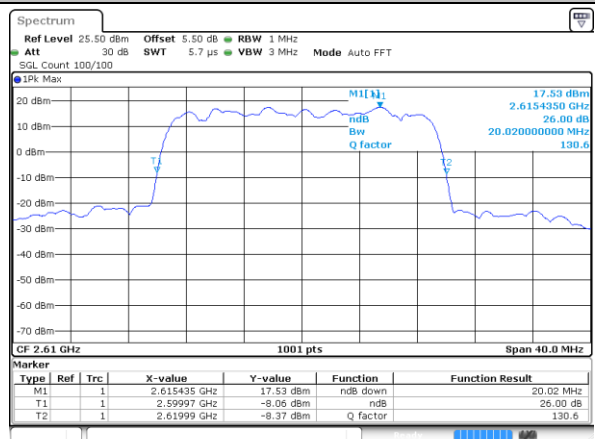
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



**Occupied Bandwidth**

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.71	2.72	4.49	4.49	8.97	9.01	13.40	13.34	18.26	18.18
Middle CH	1.09	1.09	2.71	2.73	4.49	4.50	9.01	8.99	13.40	13.43	18.38	18.34
Highest CH	1.09	1.10	2.72	2.72	4.46	4.48	8.99	9.01	13.40	13.37	18.34	18.22

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.71	2.70	4.48	4.49	9.01	8.99	-	-	-	-
Middle CH	1.09	1.09	2.72	2.72	4.49	4.49	9.03	9.03	-	-	-	-
Highest CH	1.09	1.10	2.71	2.72	4.50	4.47	9.01	9.03	-	-	-	-

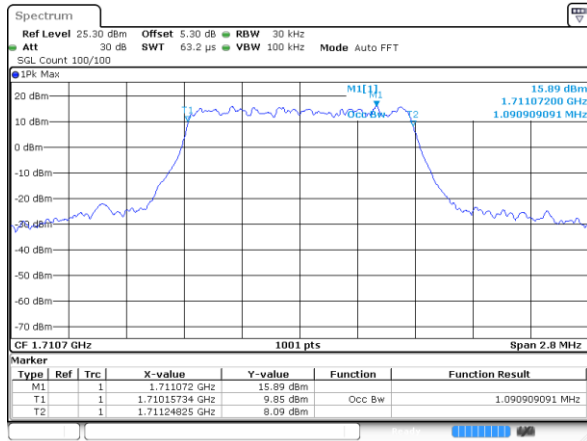
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.50	8.97	9.01	13.37	13.46	18.34	18.14
Middle CH	-	-	-	-	4.49	4.50	9.05	8.97	13.43	13.49	18.30	18.30
Highest CH	-	-	-	-	4.46	4.49	9.01	9.03	13.49	13.46	18.26	18.14

Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.49	9.07	9.01	13.43	13.43	18.34	18.42
Middle CH	-	-	-	-	4.52	4.47	8.93	8.95	13.49	13.43	18.30	18.38
Highest CH	-	-	-	-	4.48	4.48	8.95	8.99	13.43	13.46	18.38	18.22

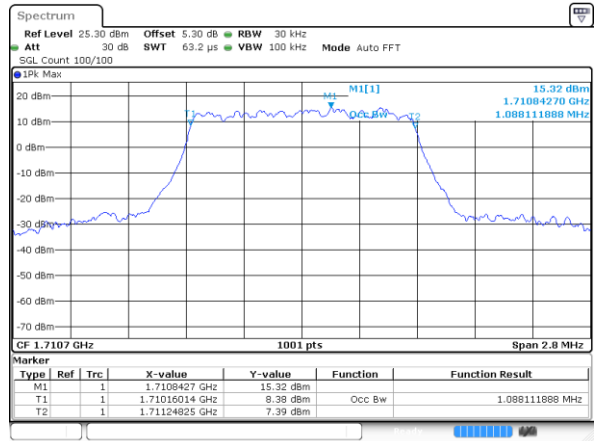


LTE Band 4

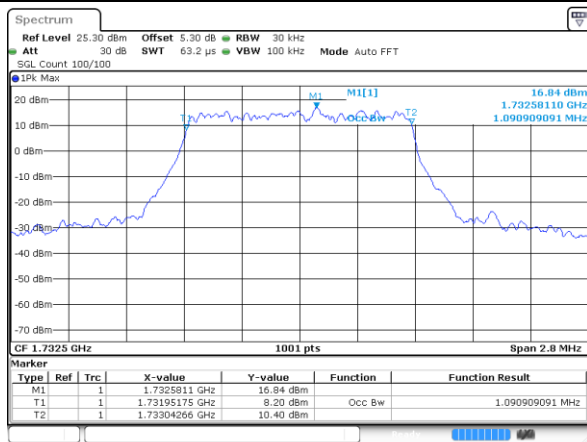
Lowest Channel / 1.4MHz / QPSK



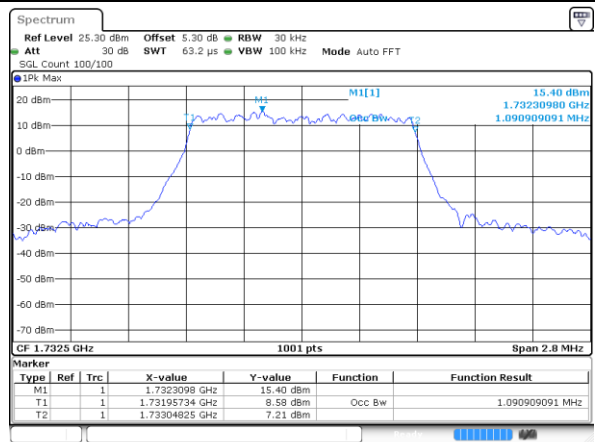
Lowest Channel / 1.4MHz / 16QAM



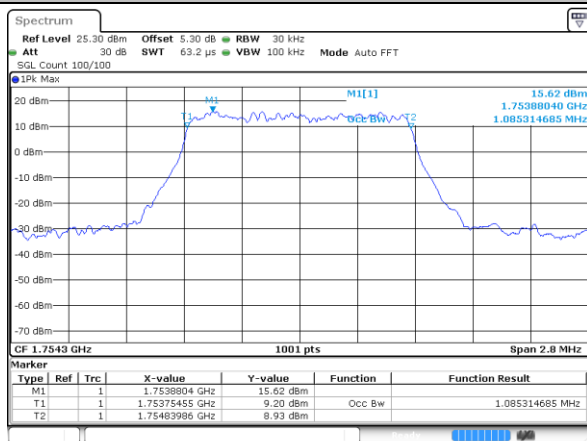
Middle Channel / 1.4MHz / QPSK



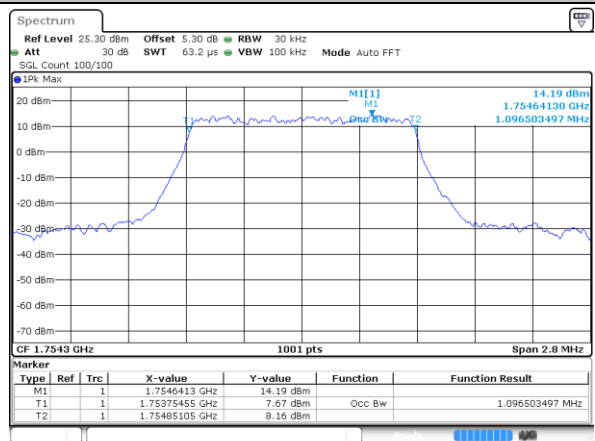
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



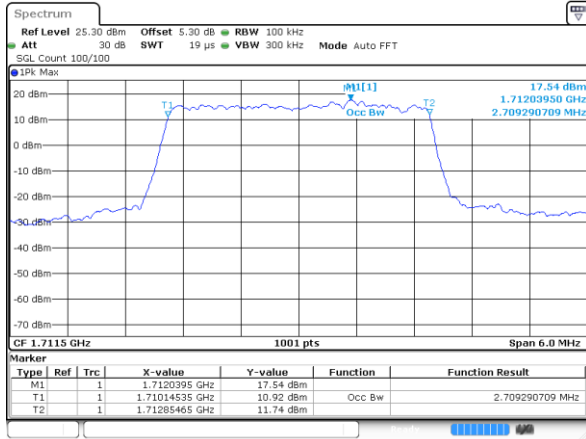
Highest Channel / 1.4MHz / 16QAM





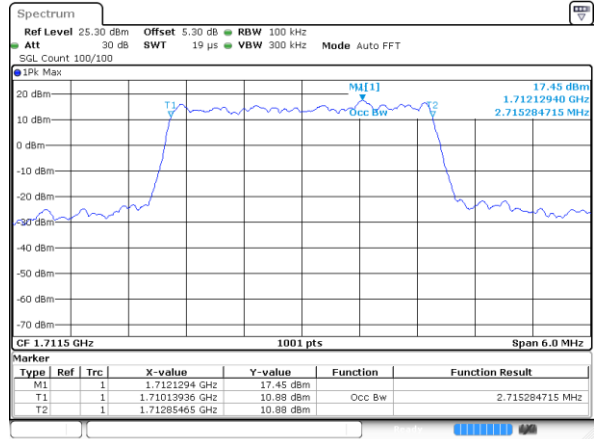
LTE Band 4

Lowest Channel / 3MHz / QPSK



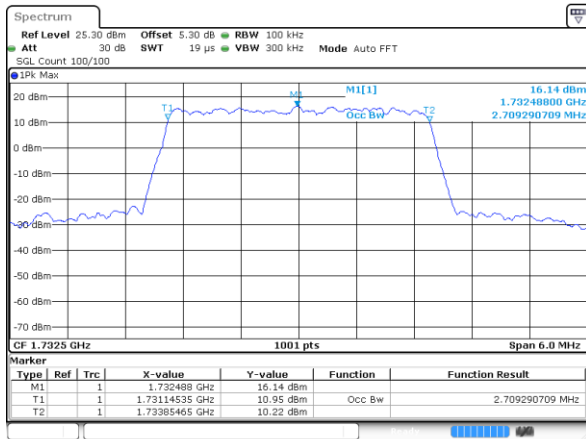
Date: 20 APR 2018 11:36:34

Lowest Channel / 3MHz / 16QAM



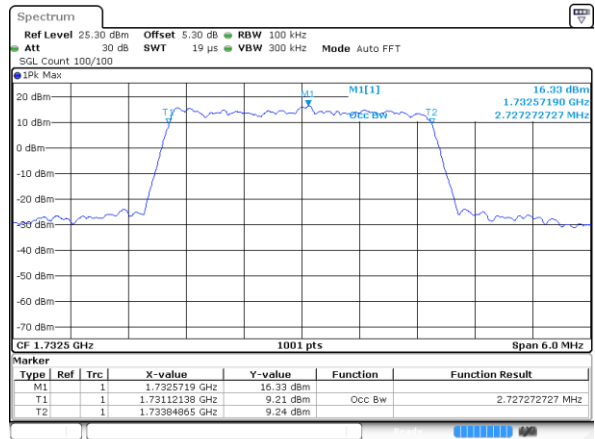
Date: 20 APR 2018 11:36:43

Middle Channel / 3MHz / QPSK



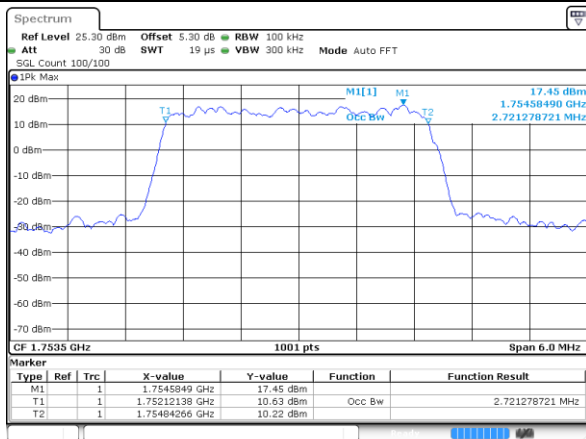
Date: 20 APR 2018 11:43:31

Middle Channel / 3MHz / 16QAM



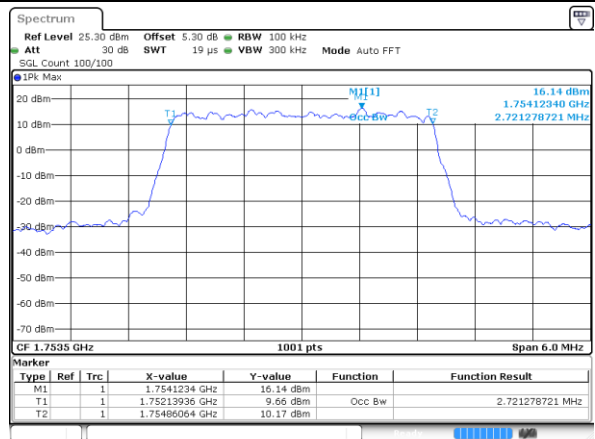
Date: 20 APR 2018 11:43:41

Highest Channel / 3MHz / QPSK



Date: 20 APR 2018 11:45:59

Highest Channel / 3MHz / 16QAM

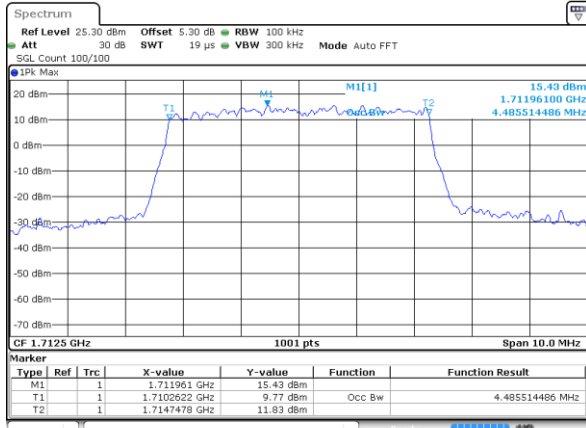


Date: 20 APR 2018 11:46:09



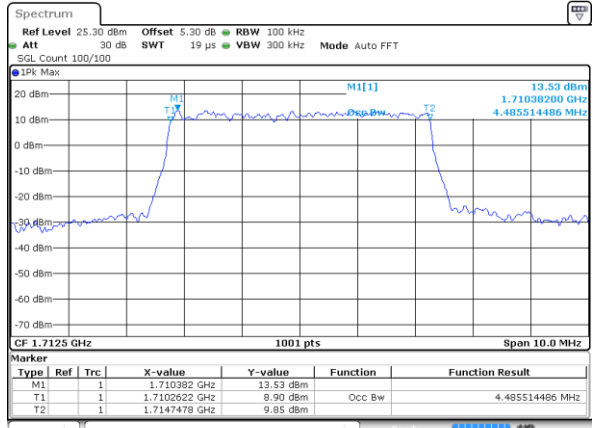
LTE Band 4

Lowest Channel / 5MHz / QPSK



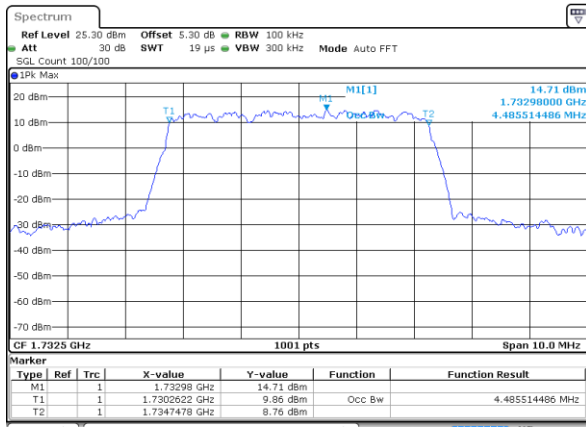
Date: 20 APR 2018 11:52:57

Lowest Channel / 5MHz / 16QAM



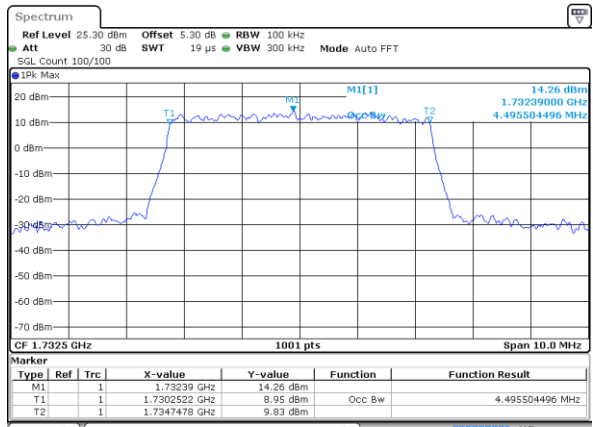
Date: 20 APR 2018 11:53:07

Middle Channel / 5MHz / QPSK



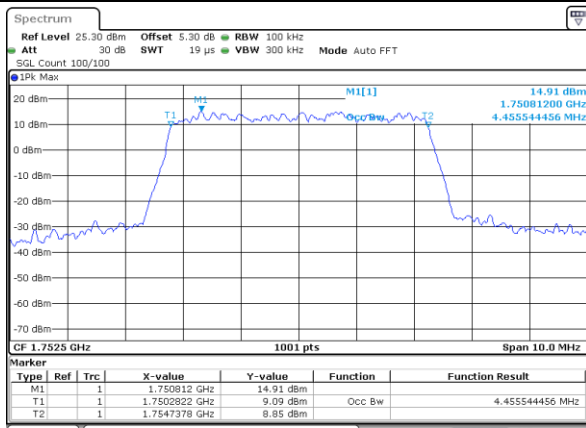
Date: 20 APR 2018 11:59:55

Middle Channel / 5MHz / 16QAM



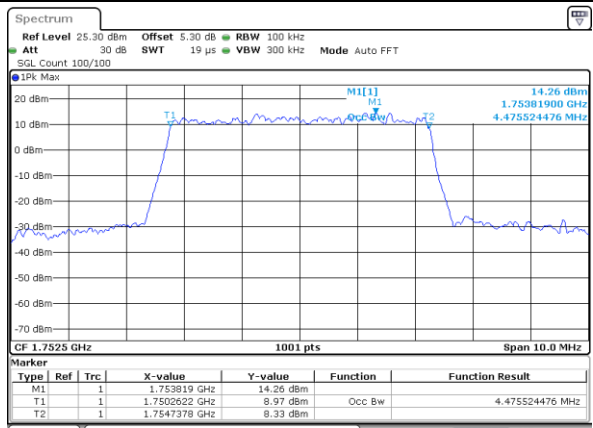
Date: 20 APR 2018 12:00:05

Highest Channel / 5MHz / QPSK



Date: 20 APR 2018 12:02:23

Highest Channel / 5MHz / 16QAM

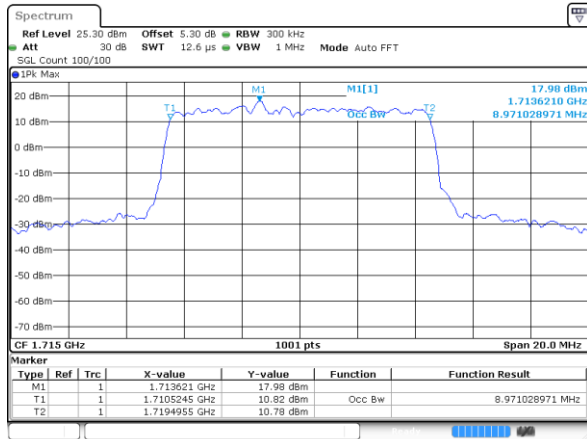


Date: 20 APR 2018 12:02:33

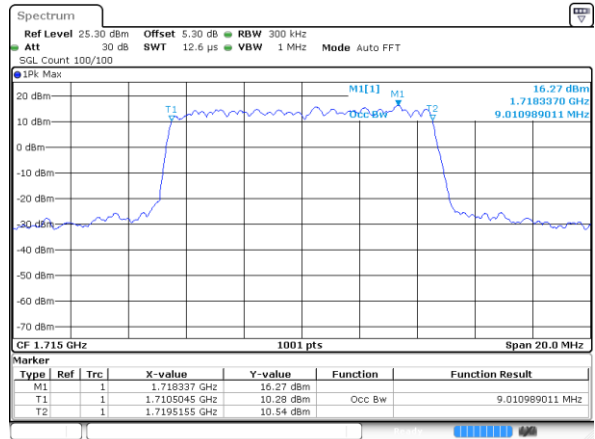


LTE Band 4

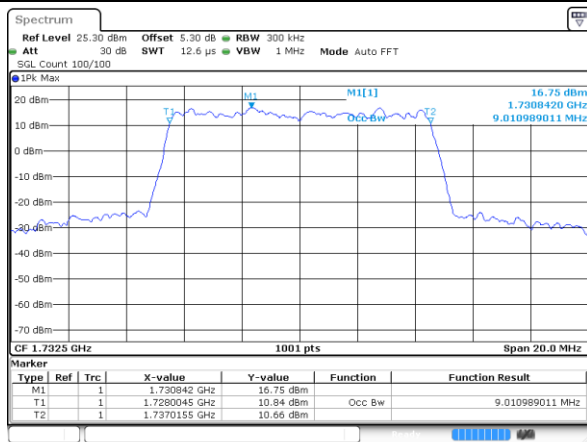
Lowest Channel / 10MHz / QPSK



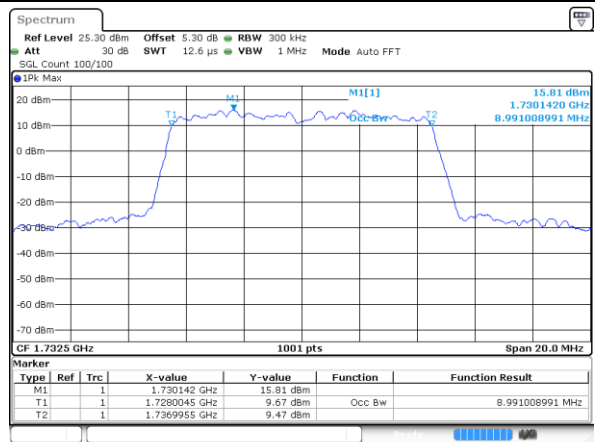
Lowest Channel / 10MHz / 16QAM



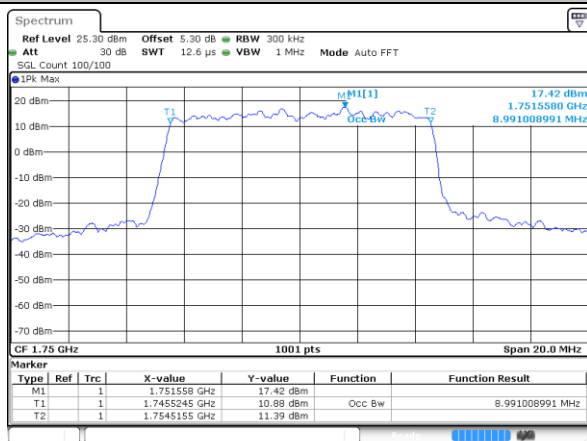
Middle Channel / 10MHz / QPSK



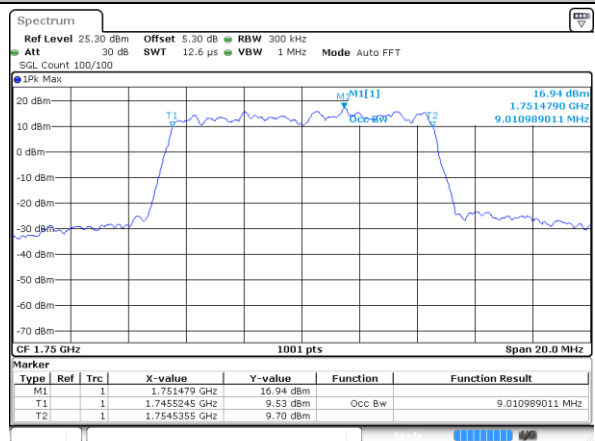
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



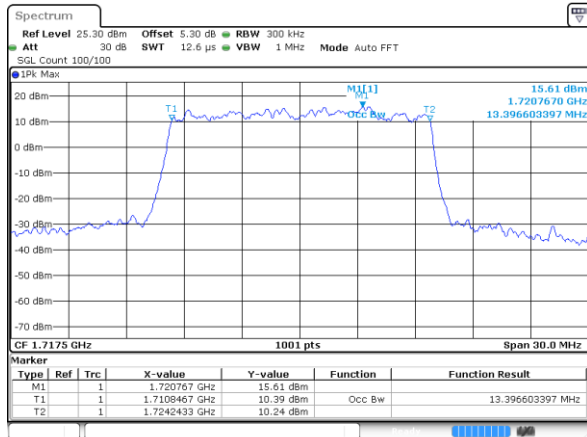
Highest Channel / 10MHz / 16QAM



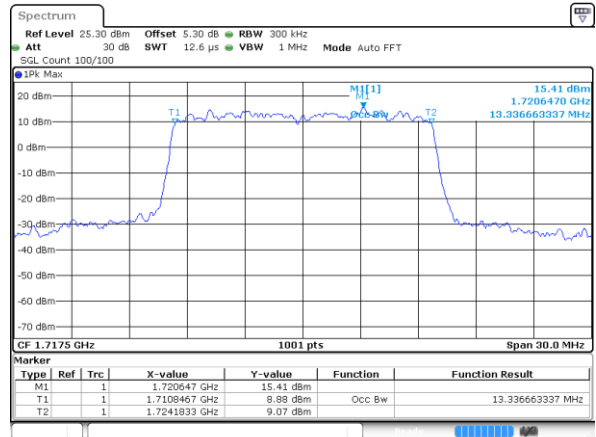


LTE Band 4

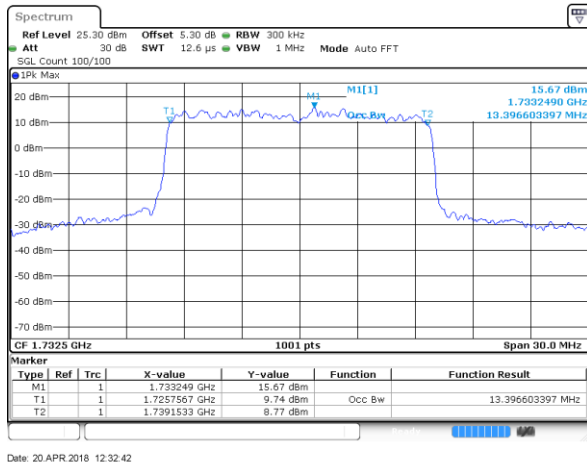
Lowest Channel / 15MHz / QPSK



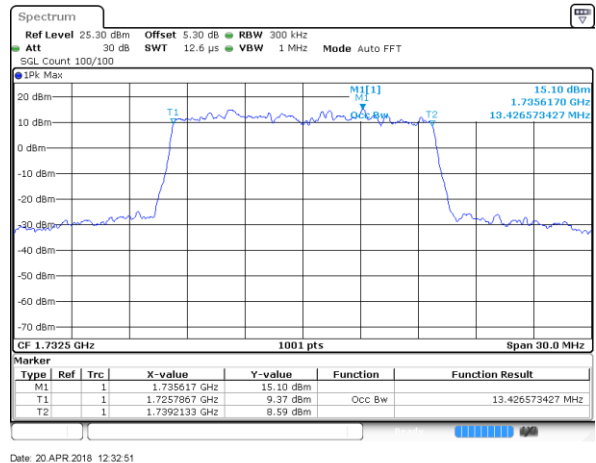
Lowest Channel / 15MHz / 16QAM



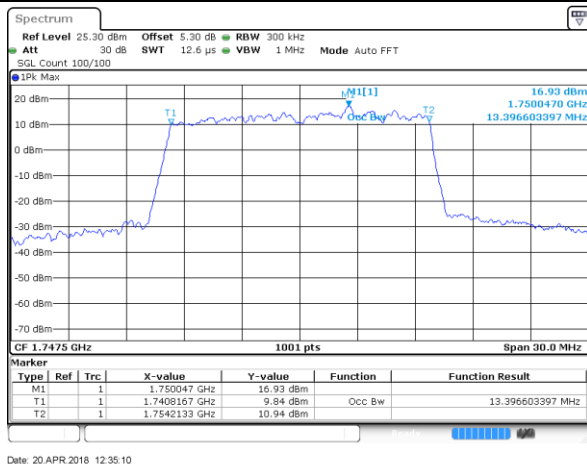
Middle Channel / 15MHz / QPSK



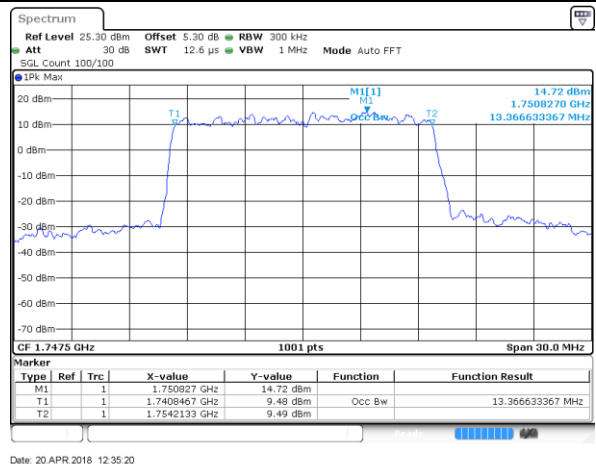
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



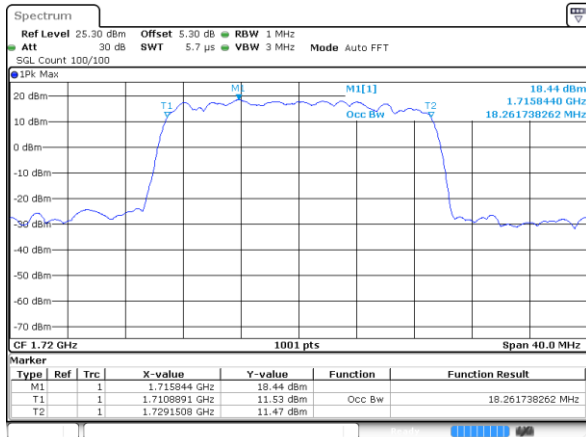
Highest Channel / 15MHz / 16QAM



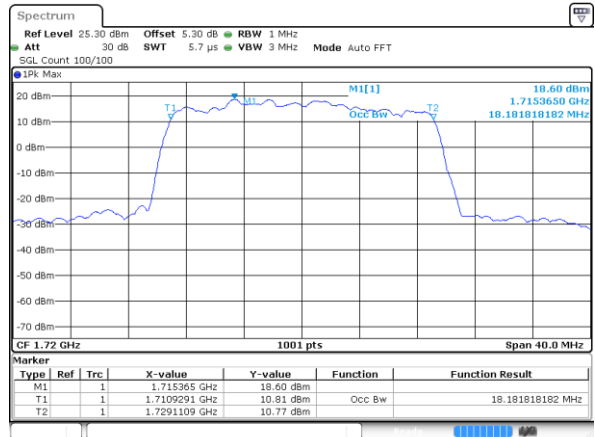


LTE Band 4

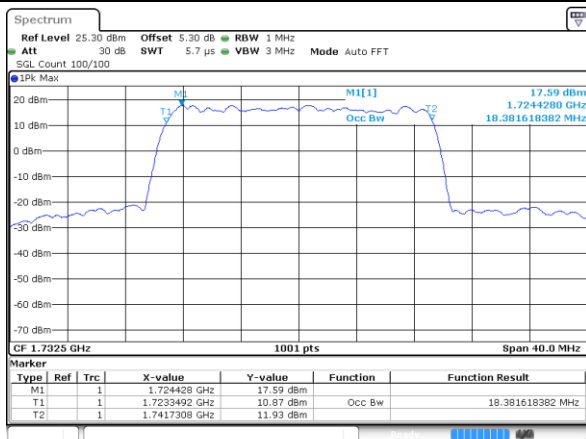
Lowest Channel / 20MHz / QPSK



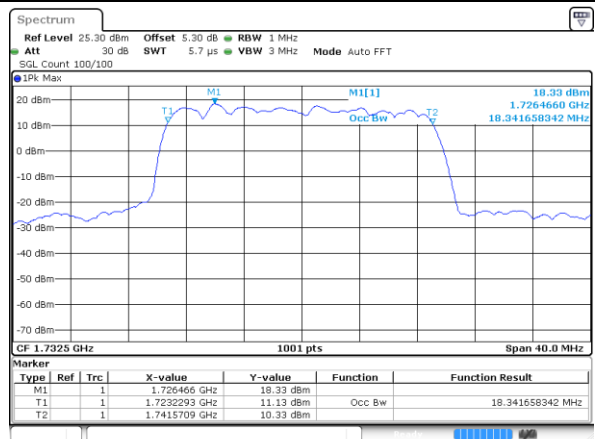
Lowest Channel / 20MHz / 16QAM



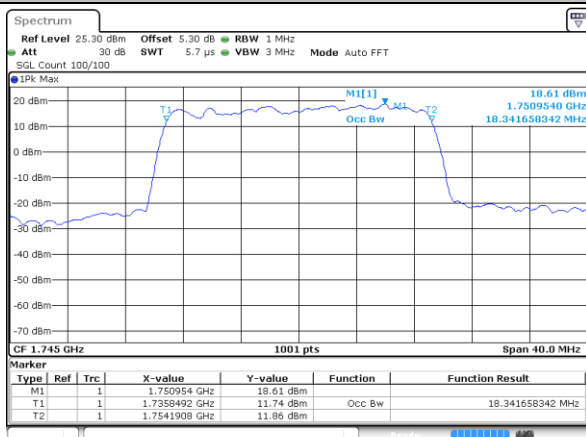
Middle Channel / 20MHz / QPSK



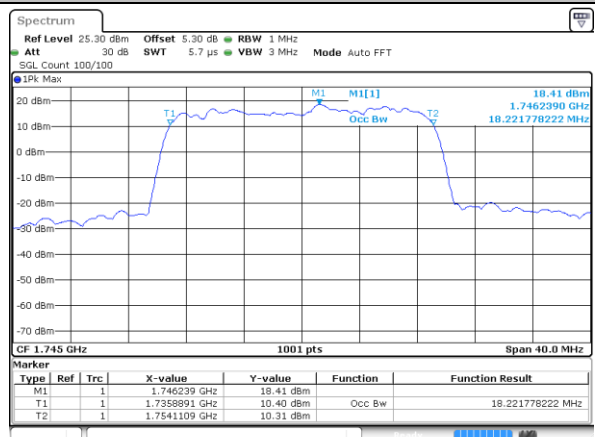
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



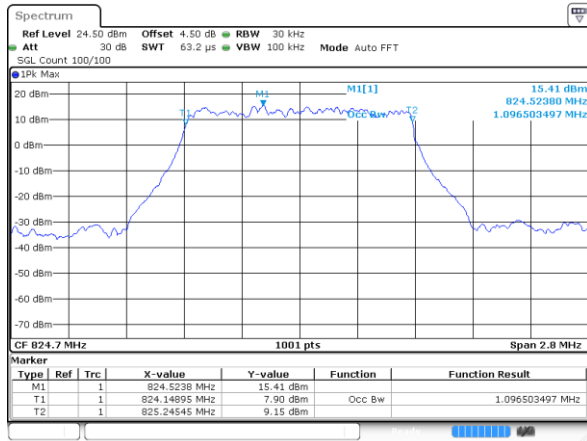
Highest Channel / 20MHz / 16QAM



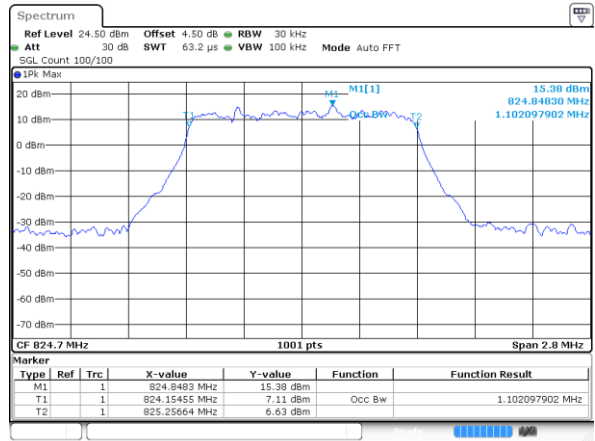


LTE Band 5

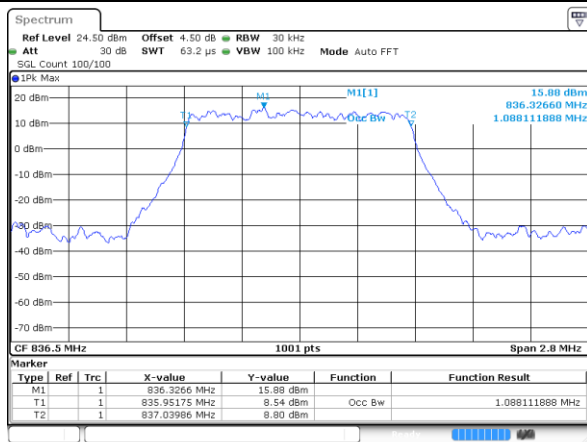
Lowest Channel / 1.4MHz / QPSK



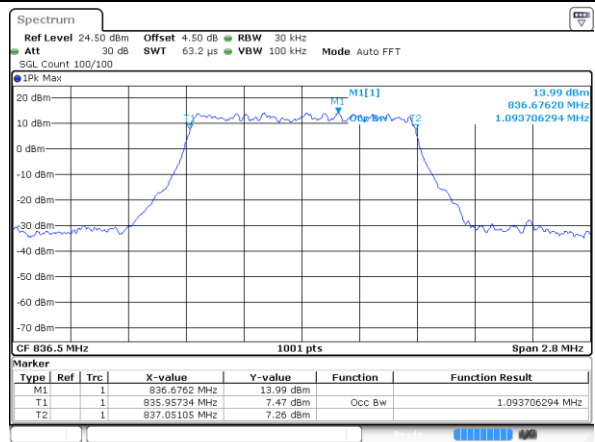
Lowest Channel / 1.4MHz / 16QAM



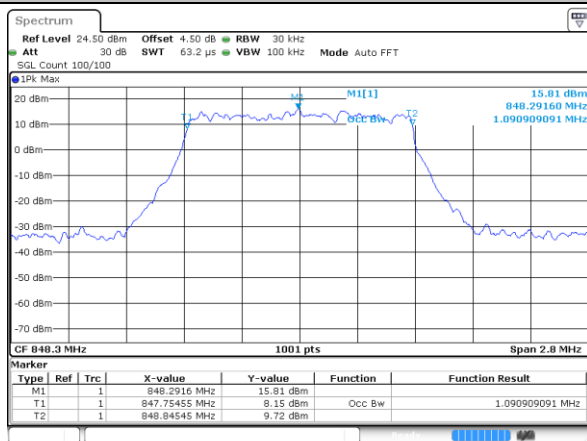
Middle Channel / 1.4MHz / QPSK



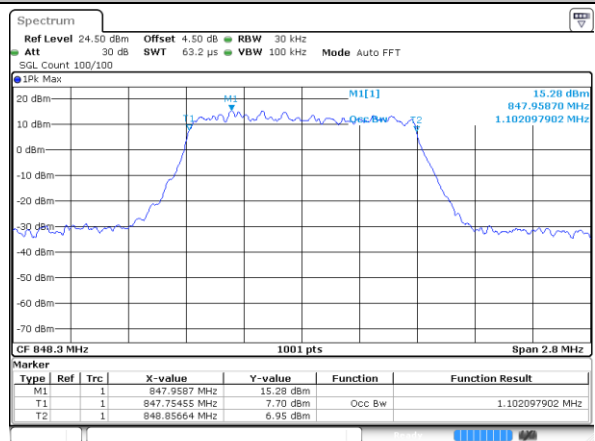
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



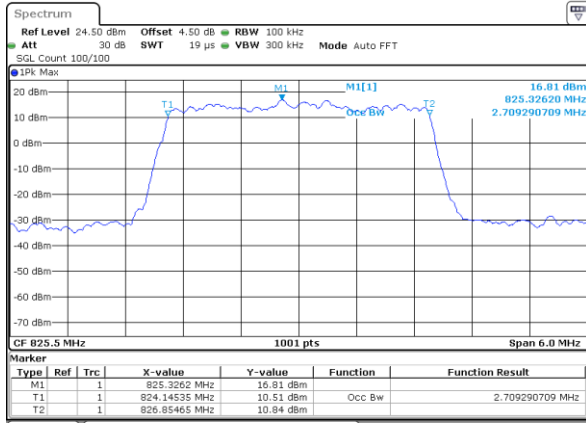
Highest Channel / 1.4MHz / 16QAM



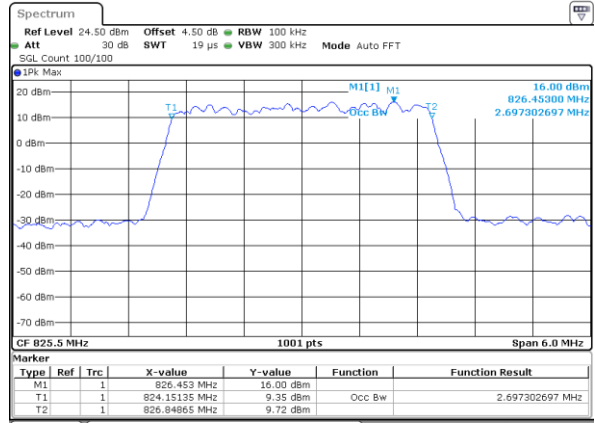


LTE Band 5

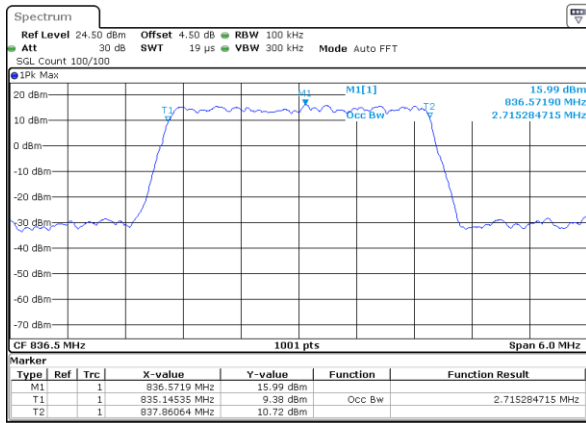
Lowest Channel / 3MHz / QPSK



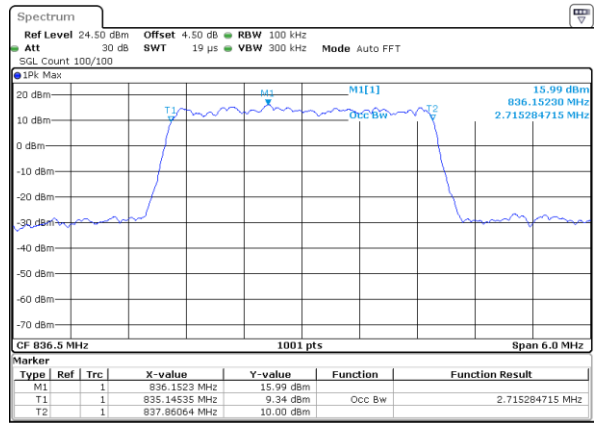
Lowest Channel / 3MHz / 16QAM



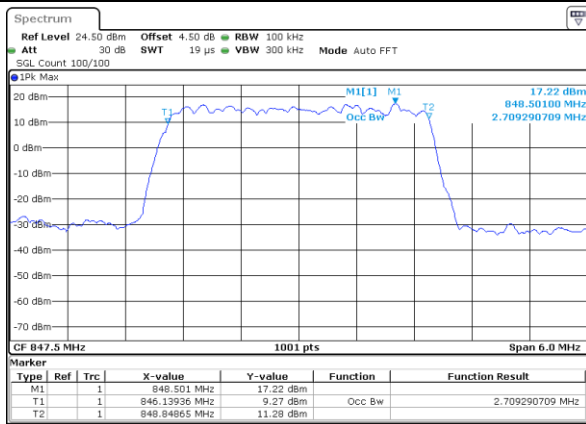
Middle Channel / 3MHz / QPSK



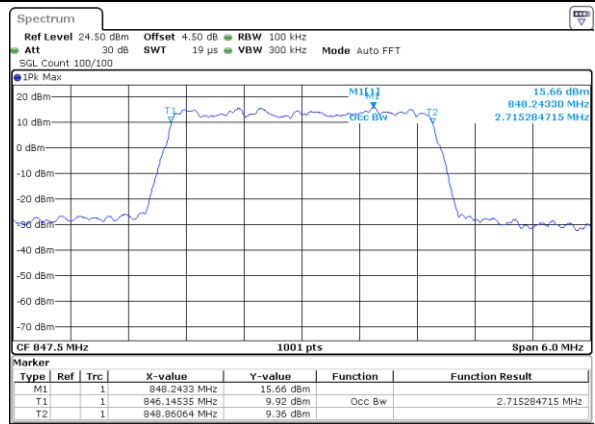
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



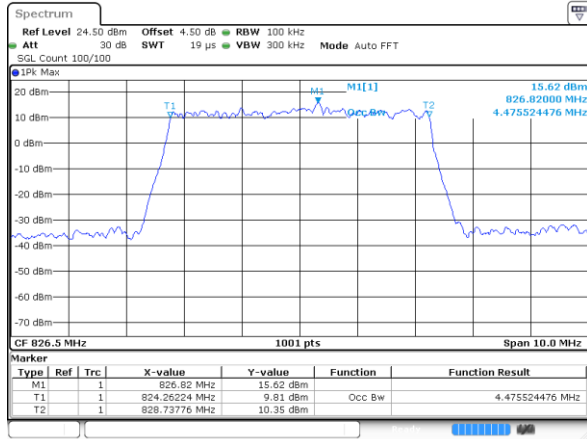
Highest Channel / 3MHz / 16QAM



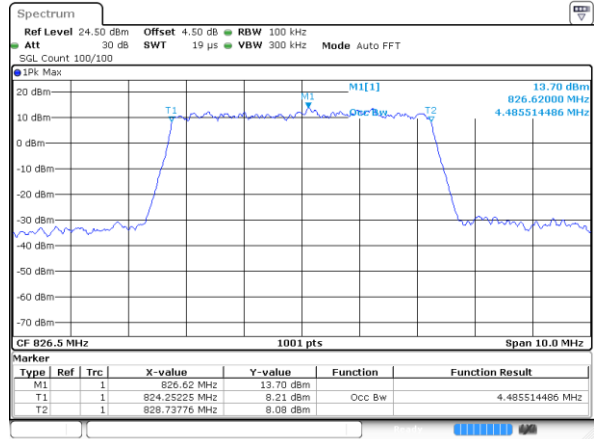


LTE Band 5

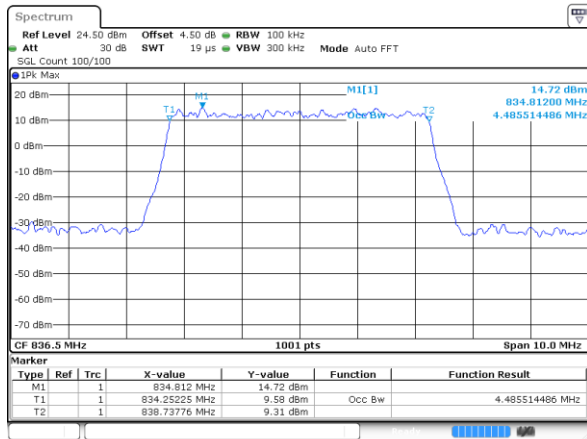
Lowest Channel / 5MHz / QPSK



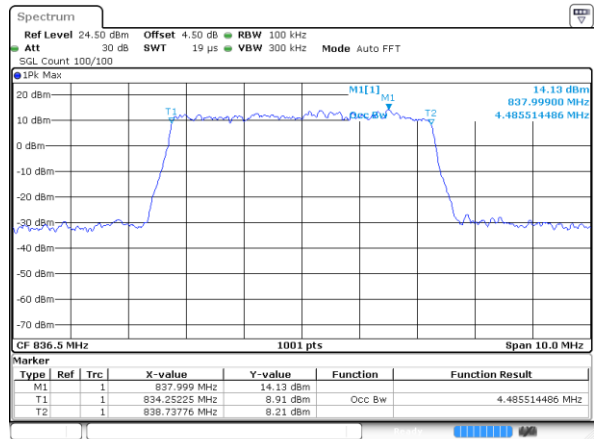
Lowest Channel / 5MHz / 16QAM



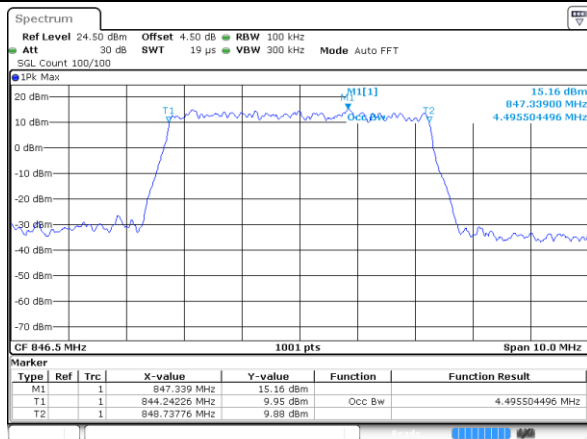
Middle Channel / 5MHz / QPSK



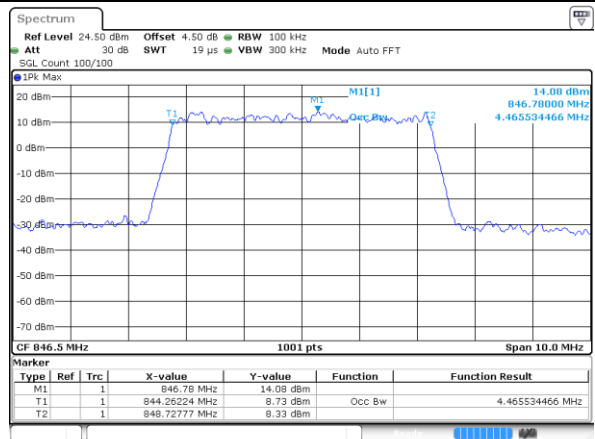
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



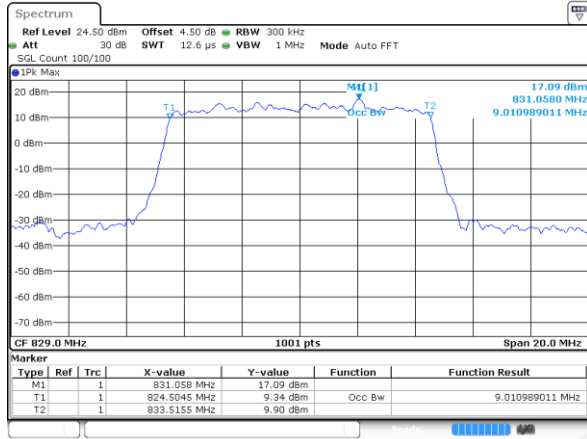
Highest Channel / 5MHz / 16QAM



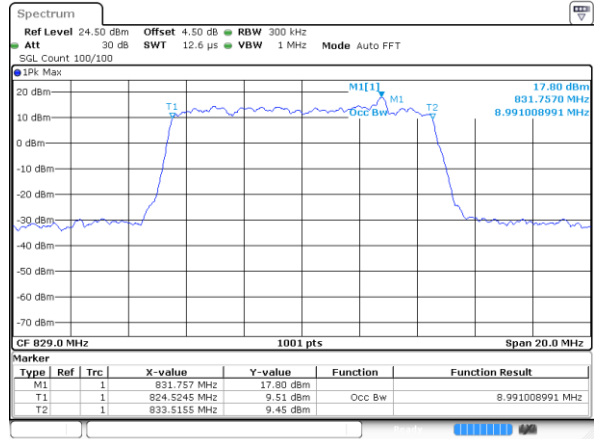


LTE Band 5

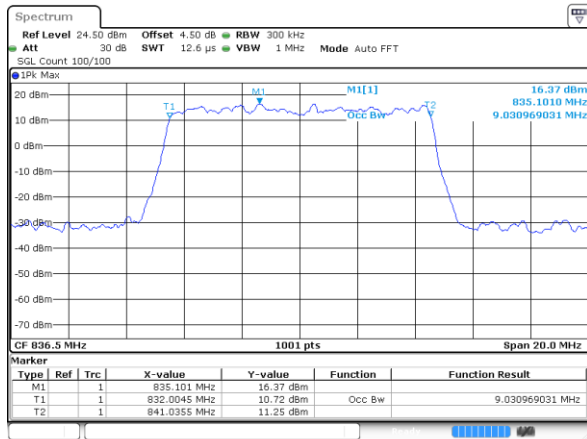
Lowest Channel / 10MHz / QPSK



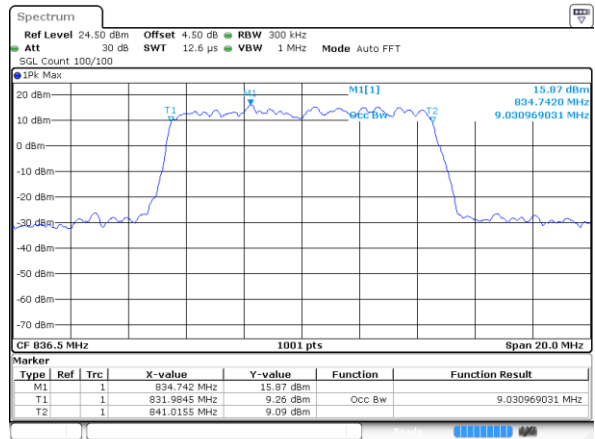
Lowest Channel / 10MHz / 16QAM



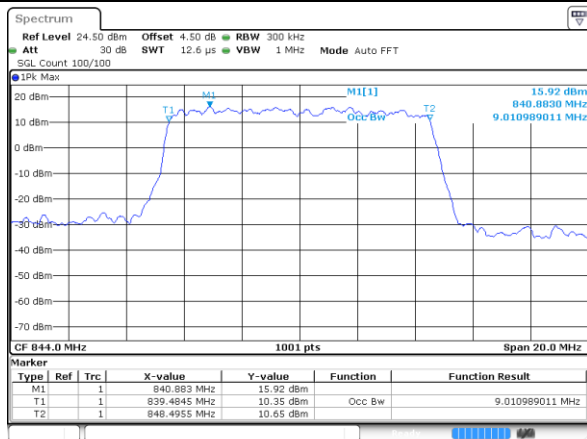
Middle Channel / 10MHz / QPSK



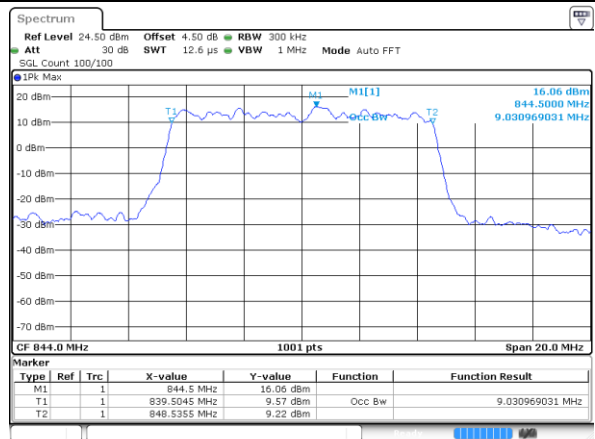
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



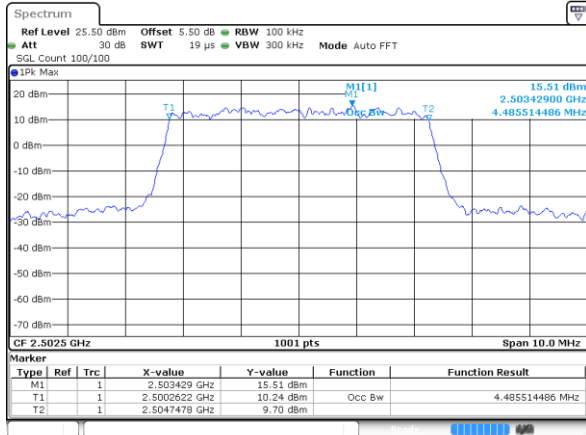
Highest Channel / 10MHz / 16QAM





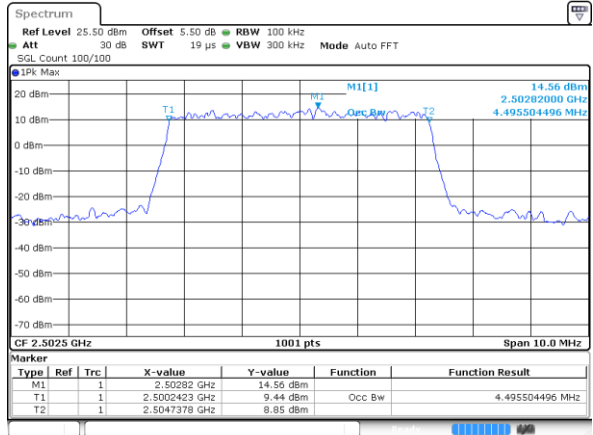
LTE Band 7

Lowest Channel / 5MHz / QPSK



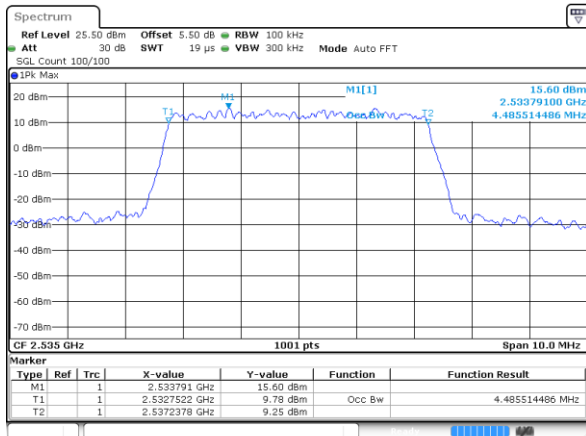
Date: 23 APR 2018 10:34:47

Lowest Channel / 5MHz / 16QAM



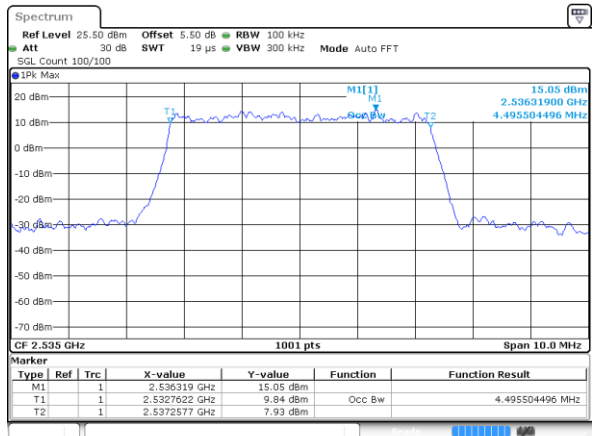
Date: 23 APR 2018 10:35:07

Middle Channel / 5MHz / QPSK



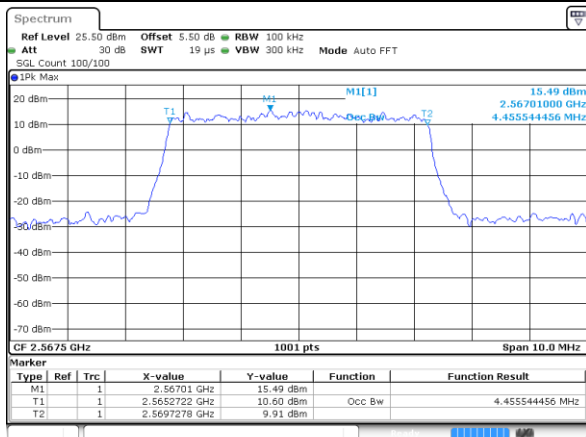
Date: 23 APR 2018 10:43:56

Middle Channel / 5MHz / 16QAM



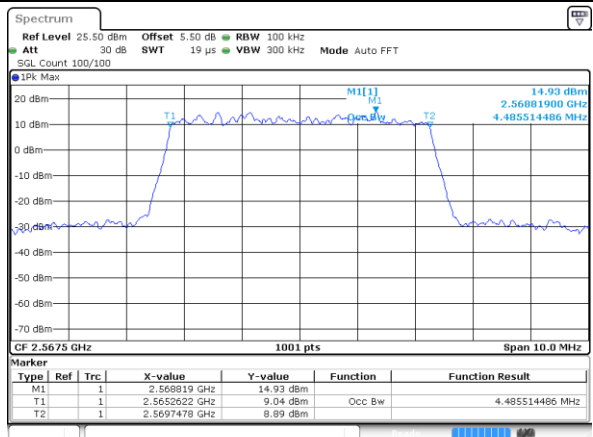
Date: 23 APR 2018 10:43:36

Highest Channel / 5MHz / QPSK



Date: 23 APR 2018 10:44:16

Highest Channel / 5MHz / 16QAM

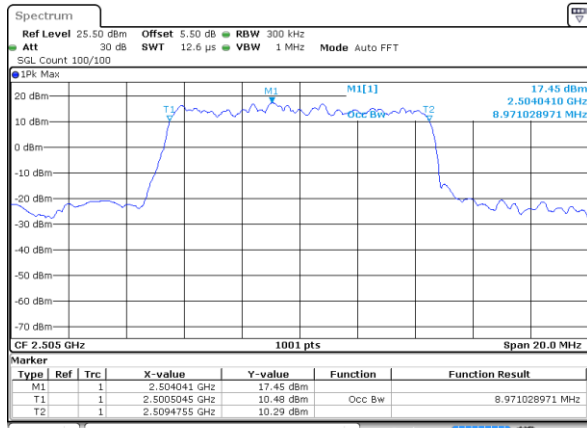


Date: 23 APR 2018 10:44:35



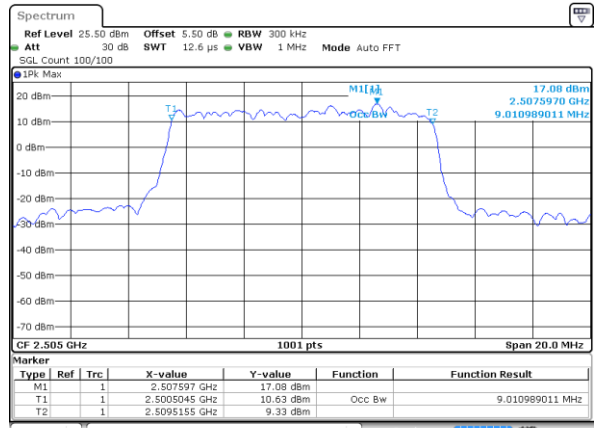
LTE Band 7

Lowest Channel / 10MHz / QPSK



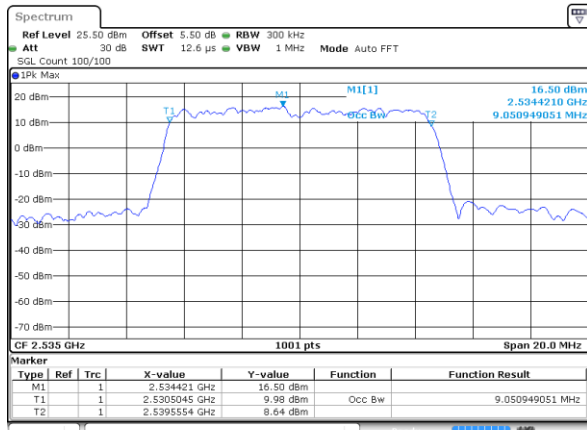
Date: 23 APR 2018 10:51:15

Lowest Channel / 10MHz / 16QAM



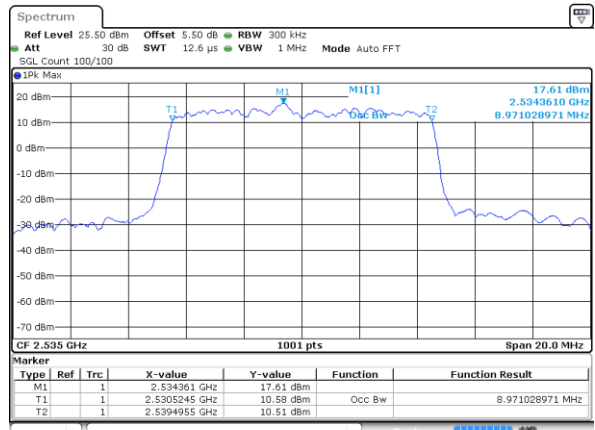
Date: 23 APR 2018 10:51:35

Middle Channel / 10MHz / QPSK



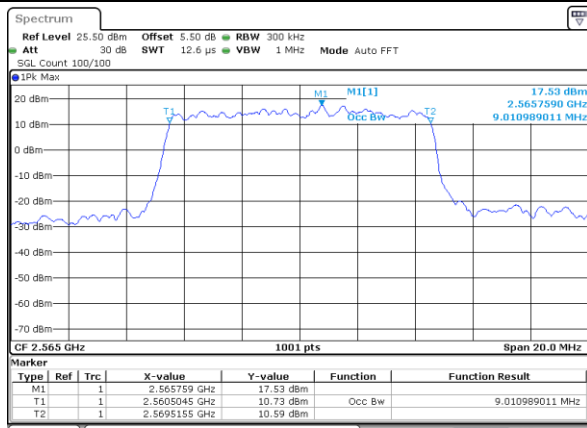
Date: 23 APR 2018 11:08:46

Middle Channel / 10MHz / 16QAM



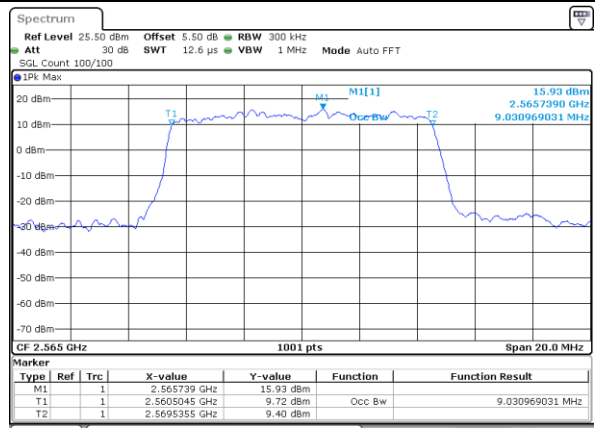
Date: 23 APR 2018 11:08:26

Highest Channel / 10MHz / QPSK



Date: 23 APR 2018 11:09:06

Highest Channel / 10MHz / 16QAM

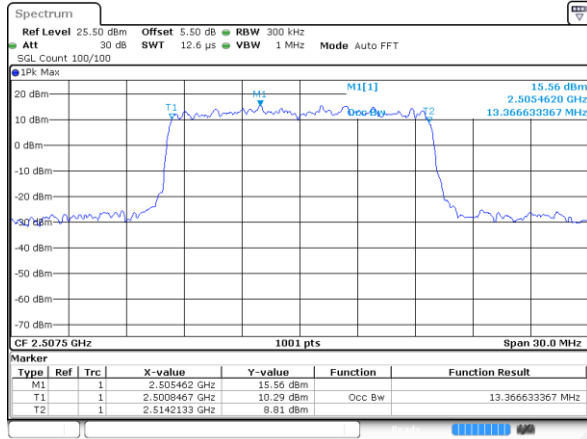


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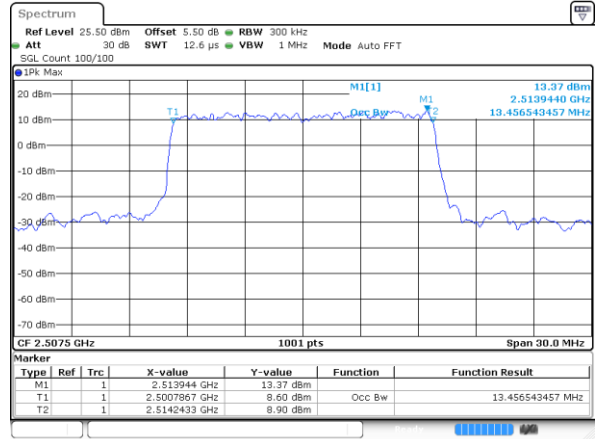


LTE Band 7

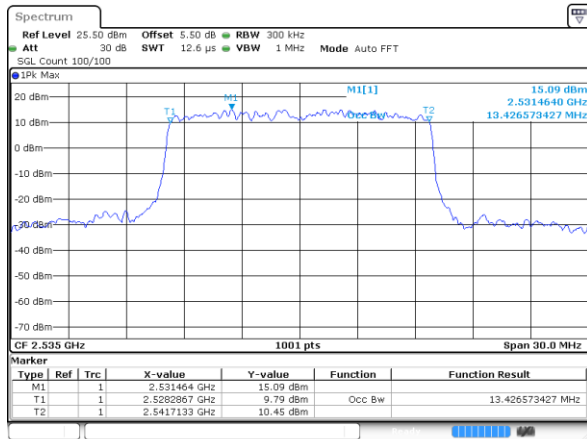
Lowest Channel / 15MHz / QPSK



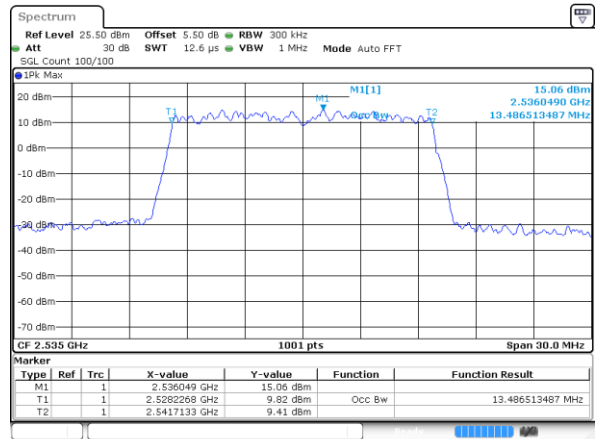
Lowest Channel / 15MHz / 16QAM



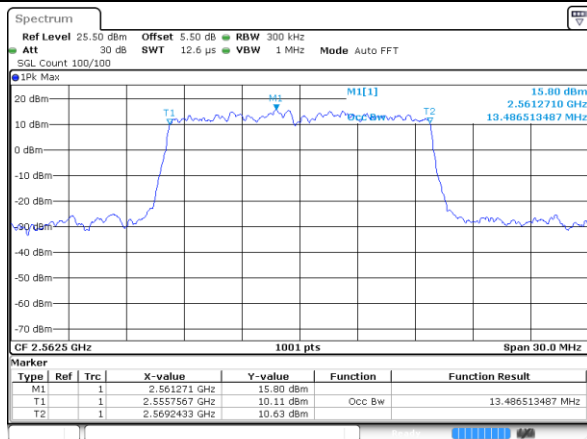
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM

